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BETHANY COLLEGE BULLETIN

Vol. XIII

MAY, 1920 TO

No 2.

Catalogue and Announcements

Nineteen-Twenty and Nineteen-Twenty-One



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BETHANY COLLEGE, BETHANY, WEST VIRGINIA
MAY, NINETEEN TWENTY

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Bethany College Bulletin

Nineteen Twenty and Twenty-one

BETHANY COLLEGE

Founded Eighteen Forty-one

BETHANY, WEST VIRGINIA



*Published by Bethany College, Bethany, West
Va., May, Nineteen Hundred and Twenty*

FALL TERM, 1920

September 21—Tuesday—Fall Term Matriculation Day.
September 21—Tuesday—Entrance Examinations.
September 22—Wednesday—Recitations Begin.
October 9—Saturday—Home Coming.
November 2—Tuesday—Mid-Term Reports.
November 25—Thursday—Thanksgiving Holiday (Three days.)
December 21-22—Tuesday and Wednesday — Fall Term Examinations.
December 22—Wednesday—Holiday Recess Begins.

WINTER TERM, 1921

January 3—Monday—Matriculation Day for Winter Term.
January 4—Tuesday—Recitations Begin.
February 10—Mid-Term Reports.
February 22—Washington's Birthday.
March 25-26—Friday and Saturday—Winter Term Examinations.

SPRING TERM 1921

March 28—Monday—Matriculation Day for Spring Term.
March 29—Recitations Begin.
May 12—Thursday—Mid-Term Reports.
June 11-13—Saturday and Monday—Spring Term Examinations.
June 12—Sunday, 11 o'clock A. M.—Baccalaureate Sermon.
June 13—Monday, 8 o'clock P. M.—Wildfly Oratorical Contest.
June 14—Tuesday, 2 P. M.—Annual Meeting Board of Trustees.
June 14—Tuesday, 2 P. M.—Class Day.
June 15—Wednesday, 8 o'clock P. M.—Concert of Music Department.
June 16—Thursday—Annual Commencement.

Special Spring Term

Saturday, April 23.....Registration of Students
Thursday, June 16.....Special Spring Term Ends

Summer School

Monday, June 20.....Registration of Students
Tuesday, June 21.....Recitations Begain
Friday, July 29.....Close of Summer School

Continuation Summer School

Saturday, July 30.....Registration of Students
Monday, August 1.....Recitations Begin
Friday, September 2.....Close of Continuation School

378.754

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1920-25

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OFFICERS OF ADMINISTRATION

CLOYD GOODNIGHT, A.M., *President.*

WILBUR HAYERFIELD CRAMBLET, A.M., Ph.D., *Treasurer.*

MILETUS VESPASIAN DANFORD, A.B., *Bursar.*

E. LEE PERRY, A.M., *Registrar.*

ISABEL F. STARBUCK, B.S., *Librarian.*

EMMA RUSSELL, *Matron of Phillips Hall.*

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BOARD OF TRUSTEES

TERM EXPIRES JUNE, 1920

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TERM EXPIRES JUNE, 1921

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R. A. BALDERSON-----	Pittsburgh, Pa.

TERM EXPIRES JUNE, 1922

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OFFICERS OF THE BOARD

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College of Music, Zurich; Royal Conservatory of Music. Leipsic; Columbia University.

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King's College, London; Oxford University, Bethany College, Columbia University.

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Drake University, University of Virginia, University of Chicago.

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Bethany College, Yale University.

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Bethany College, Yale University.

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Kentucky University and College of the Bible, Yale University, Harvard University.

JAMES WALTER CARPENTER, A.M., B.D., *Professor of English, New Testament and Christian Doctrine.*

College of the Bible., Butler College, Yale University.

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University of Kentucky.

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Butler College, Yale University.

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Syracuse University.

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Bradford State Normal College, Bethany College.

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Simmons' College, School of Library Science, Boston.

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Indiana State Normal, Indiana University.

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Miami University, Rutgers.

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University of Illinois.

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Bethany College, University of Illinois.

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West Virginia Wesleyan.

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University of Wisconsin.

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Purdue University.

VIRGINIA MOOS, Mus.B., *Instructor in Piano Music.*
Bethany College.

MRS. EMMA RUSSELL, *Matron of Phillips Hall.*

FACULTY COMMITTEES

Committee on Credentials:—F. R. Gay, W. H. Cramblet, H. Newton Miller, Andrew Leitch.

Committee on Student Publications:—Anna R. Bourne, H. E. Carney, Carl Miller, Lena Stafford.

Committee on Entertainments:—H. Newton Miller, Lena Stafford, George Williams, Goldia Butzer.

Committee on Library:—H. L. Calhoun, Anna R. Bourne, J. Walter Carpenter.

Committee on Graduate Course:—A. C. Workman, Anna R. Bourne, J. Walter Carpenter.

Committee on Athletics:—Carl Miller, W. H. Cramblet, J. Allen Hunter, Joseph H. Martin.

Committee on Grounds and Buildings:—J. C. Moos, M. V. Danford, Thomas Howes, Mrs. Emma Russell.

Committee on Class Attendance:—W. H. Cramblet, Gertrude Lippelt, H. E. Carney, Jessie Acker.

Committee on Registration:—E. L. Perry, J. Allen Hunter, A. C. Workman, Joseph Martin, Jessie Acker, J. Walter Carpenter.

FACTS ABOUT BETHANY COLLEGE

Buffalo Seminary, the fore runner of Bethany College, was inaugurated at Bethany, W. Va., in the year 1818 in the home of Alexander Campbell, commonly known as the Mansion. Here Mr. Campbell offered educational advantages for the youth of the community as well as training for young men in the work of the Christian ministry.

In 1840 Bethany College was chartered by the state of Virginia, through the efforts of John C. Campbell, of Wheeling, W. Va. Its first donation was a \$1,000 legacy made by Philip B. Pendleton of Virginia. The campus was donated by the first president of the College, Alexander Campbell, who on his own responsibility began at once the erection of a commodious brick building for the use of the College. The first session opened in October, 1841.

LOCATION

The village of Bethany is situated in Brooke County, West Virginia, seven miles southeast of Wellsburg, fifteen miles north of Wheeling and forty miles south of Pittsburgh. Trolley cars leave Wellsburg for Bethany every two hours from 7 A.M. until 11:15 P.M. Bethany, from the beginning, has been famed for its picturesque and inspiring scenery. The moral atmosphere is unusually healthful and stimulating. Situated near enough to Pittsburgh, Wheeling, Steubenville and Wellsburg to derive the advantages which the cities afford, our students are at the same time removed from many temptations that come with city life.

HOW TO REACH BETHANY

An interurban line operates cars every two hours between Bethany and Wellsburg. The first car leaves Bethany at 6 A.M., and the last car reaches Bethany at 12 P.M. These cars are equipped to carry freight, trunks, etc. The fare is 25 cents one way or 50 cents for the round trip. At Wellsburg connections are made with the Traction lines for Wheeling, Steubenville and other Ohio River points. The Pan Handle Railroad (Pennsylvania Lines) reaches Wellsburg. Across the Ohio River at Wellsburg is Brilliant, situated on the Wabash and Cleveland & Pittsburgh Railroads and the Steubenville and Mingo trolley line.

GROUNDS AND BUILDINGS

THE COLLEGE CAMPUS

The college campus, about fifty acres, overlooks the beautiful Buffalo Creek. During the last few years more than \$15,000 has been expended on the campus in constructing concrete walks, grading the grounds and building the Oglebay Entrance Gates to the college. These beautiful surroundings have a cultural advantage for the student which should not be overlooked. More than 4,000 shrubs and trees have been planted on the college grounds.

THE MAIN COLLEGE BUILDING

The main college building stands on an elevation in the center of an attractive campus. It is an imposing structure of Gothic architecture and is well adapted to the purpose for which it is used. It contains numerous class rooms besides a beautiful college chapel and two literary society halls. Along the west side and running the entire length of the building is the Corridor, an open promenade 310 feet in length.

THE E. W. OGLEBAY HALL OF AGRICULTURE

The Oglebay Hall of Agriculture, costing, with equipment, over \$75,000, is used for the teaching of science and agriculture. The building contains chemical, physical, biological and agricultural laboratories, dark room, private laboratories for professors, a chemical store room, several class rooms and the offices of the President of the College, the director of the Department of Agriculture. The third floor of the building is used by the Department of Domestic Science. The building is of Tudor Gothic Architecture and harmonizes with the main college building. It is built of red brick with Berea sandstone trimmings.

THE IRVIN GYMNASIUM

This strictly modern gymnasium was donated by the Irvin family of Big Run, Pa. The building, being of Gothic architecture, is in harmony with the main college building. It is 100 feet in length and 52 feet in width and is equipped with swimming pool 20x40 feet, shower baths, team rooms, coach room, trophy room, lecture room, janitor's living room, lockers and track, in addition to the main gymnasium floor.

CARNEGIE LIBRARY BUILDING

This building is constructed of brown pressed brick with Berea sandstone trimmings. The interior is finished with polished oak and presents a very attractive appearance. The building is 95 feet long and 62 feet wide. On the first floor is a large social and banquet room which has been made very attractive through the generosity of the late Mrs. E. W. Oglebay. The second floor is given over to the library proper and contains two reading rooms and the book stack room which is furnished with steel shelving. On the third floor are four large rooms well adapted for class and lecture rooms.

THE PERCY B. COCHRAN HALL

This new dormitory, donated to the college by Hon. M. M. Cochran of Uniontown, Pa., as a memorial to his son, Percy B. Cochran, was opened to receive students at the beginning of the fall of 1911. This building is four stories high. The first story is used for dining room, kitchens and living rooms for the governor of the hall. The other floors are used as rooming places for young men. The building is of fireproof construction, and is built on the latest improved plan. The second and third floors are arranged in suites. In each suite there is a study room, and adjoining this study room there are two bedrooms. Two young men are supposed to occupy a suite of rooms. The building throughout is heated with steam and supplied with shower baths, sewerage, electric lights, and all modern conveniences. The price of rooms in this dormitory is \$60.00 for the college year for each student, payable in advance, unless by special arrangement. Students provide their own bed linen, pillows, towels, blankets, and comforts. This hall is an ideal place for young men, and with its modern, up-to-date arrangements it is a most desirable home for the student while in college. Students desiring to engage accommodations in this building should write the President at the earliest possible date, that a choice of rooms may be secured.

PHILLIPS HALL—FOR YOUNG LADIES

The college is indebted to the generosity of the late Hon. Thomas W. Phillips of New Castle, Pa., for this hall. It has a stately and commodious building, with all modern improvements, heated with steam, well ventilated, and altogether adapted to the needs and conveniences of young ladies. It has a capacity for sixty roomers and one hundred and forty boarders. The hall is under the care of a competent matron, who resides in this hall and has supervision of the building and all who reside therein. It is the earnest desire and constant endeavor to make Phillips Hall a pleasant and attractive home for young ladies.

THE COCHRAN CENTRAL HEATING PLANT

All the buildings of Bethany College, including the apartment houses, are heated from a central heating plant. Hon. M. M. Cochran of Uniontown, Pa., donated to the college \$22,000, the amount necessary to construct this heating plant. Eight college buildings and two apartment houses are heated from this plant. With this central heating plant, all the college buildings are assured a bountiful supply of heat, even in zero weather. The coal mine is opened at the central heating station, so that coal from the grounds owned by the college is delivered by the miners direct to the storage room of the plant, without the labor of rehandling.

PENDLETON HEIGHTS

A short distance to the north of the Main Building on the campus is the home of the President, known as Pendleton Heights. This building was erected by W. K. Pendleton, second President of Bethany College, and is admirably suited for its intended purpose.

THE SORORITY HOUSE

This large red brick building is situated on Main Street and will accommodate twenty-five to thirty young women. The Sororities are established here. The house is under the control of a competent matron and the same regulations are in force here as prevail at Phillips Hall.

APARTMENT HOUSES AND DWELLINGS

Through the generosity of M. M. Cochran of Uniontown, Pa., the college owns two apartment houses adapted to the needs of married students. Each apartment contains three rooms with bath and is fitted with electric lights and hot and cold water. The apartments are heated from the central heating plant. They rent for \$150.00 for the school year and may be occupied until the first of September without extra charge.

In addition to these apartments, Mr. Cochran's gift includes two dwellings, one of eight rooms and the other of ten. These form a group known as the

COCHRAN COTTAGES

The college owns ten other dwellings in different parts of the village of Bethany. Four new seven-room cottages have just been completed.

THE COLLEGE FARMS

The Alexander Campbell farm of 205 acres was donated by Hon. E. W. Oglebay to Bethany College to be used in teaching agriculture; thus allowing the college to carry out the program of its illustrious founder.

By a deed bearing date April 7, 1914, Miss Margaretta E. Parkinson has given to the college the farm of 261 acres adjoining the college grounds on the north. Two other tracts of land belong to the college, making a total of 535 acres that are available for the use of the department of agriculture.

ENDOWMENT

ENDOWMENT OF OFFICE AND CHAIR OF THE PRESIDENT OF BETHANY COLLEGE

Hon. M. M. Cochran of Uniontown, Pa., has given \$80,000.00 as a partial endowment of the Office and Chair of the President of Bethany College.

MRS. SARAH B. COCHRAN CHAIR OF PHILOSOPHY

Mrs. Sarah B. Cochran of Dawson, Pa., has generously contributed \$25,000.00 for the endowment of a chair of Philosophy in Bethany College. By unanimous vote of the Board of Trustees this chair has been named the Sarah B. Cochran Chair of Philosophy, as a memorial to the generous donor.

THOMAS W. PHILLIPS BIBLE CHAIR

Hon. Thomas W. Phillips of New Castle, Pa., with an abiding faith in the power of the word of God to transform society and to lead the individual to a higher life, has given \$30,000.00 to endow a chair in Bethany College to be known as the "Thomas W. Phillips Bible Chair." The income from this endowment is now available for the support of this Bible professorship.

HERBERT MONINGER MEMORIAL CHAIR OF BIBLE SCHOOL PEDAGOGY

Through the interest and generosity of many Bible Schools, churches and individuals a fund of \$25,000.00 has been given to the college for the endowment of the Moninger Memorial Chair of Bible School Pedagogy. This fund was procured under the direction of the American Christian Missionary Society, with Robert M. Hopkins, National Bible School Secretary, in charge.

In addition to the Endowed Chairs list above, the College has received recently gifts for endowment amounting to over \$30,000, making the total productive endowment \$594,000. This is exclusive of real estate assets amounting to \$519,000. The late Senator George Oliver of Pittsburgh remembered the College by designating \$25,000 to be added to the general endowment fund.

SCHOLARSHIPS

Twenty friends of Bethany have endowed scholarships in the college. Most of these are good for \$30 per year. These scholarships are for the most part in the hands of the donors or their heirs. Seven of these have been put into the hands of the President of the college for assignment. These scholarships are given to worthy young men who desire to prepare themselves for the Christian ministry.

Mr. E. W. Oglebay offers five scholarships of \$100 each to students in agriculture.

PHILLIPS LOAN FUND

A few years ago the Hon. Thomas W. Phillips of New Castle, Pa., generously donated to the trustees the sum of five thousand dollars, to be loaned to students of Bethany who are preparing for the ministry. The original fund as thus constituted has since been considerably increased by other generous gifts and by accrued interest. From this fund loans may be obtained by ministerial students on complying with the conditions of the loan. Application should be made to the President in writing. Personal or other approved security is required of those borrowing from the fund. No student is loaned more than one hundred dollars per year. The fund now amounts to more than \$10,000.

In considering applications for loans, preference is given to students rooming in the Dormitory and to those seeking to reduce their expenses by self-board or special labor. This rule does not apply to married students who reside in the village.

LIBRARY AND READING ROOM

The College Library is growing rapidly. The reading rooms are in connection with the library. There is a selection of periodicals on the tables. This includes the best daily and weekly papers and monthly magazines.

Friends of the college are invited to make gifts of books. The names of donors will be inscribed in all donated books. Some friends have paid for valuable papers and have had them sent regularly. Many books have been added this year.

Bethany College is a designated depository of United States public documents. Of these we have already a large number and others are received as rapidly as they are ready for distribution. The most of these are useful, and many of the books, maps and pamphlets are very often important and valuable.

An effort is now being made to add five thousand volumes to the Library during the coming summer. Already several generous gifts are in hand for this purpose.

CABINETS AND MUSEUMS

The Natural History Cabinet contains some of the Fauna, Birds and Mammals of this region, with a collection from Australia, and exchanges from other sections of the country.

LABORATORIES

Chemical Laboratory: — The chemical laboratory, chemical store room, balance room and the chemistry professor's private laboratory are situated on the second floor of Oglebay Hall of Agriculture. The main chemical laboratory is provided with 160 lockers and will accommodate 80 students working at one time. The department is equipped with modern apparatus for various kinds of chemical work.

Physics Laboratory: — The physics laboratory is on the first floor of Oglebay Hall and is well equipped with laboratory furniture and apparatus for demonstration and general experimental work.

Biological Laboratories: — The biological laboratories are situated on the second floor of Oglebay Hall of Agriculture. These laboratories are equipped with compound microscopes and other apparatus needed for work in general biology, plant morphology, plant physiology, plant pathology, general zoology, entomology and bacteriology.

Agricultural Laboratories: — The Oglebay Hall of Agriculture contains laboratories for various kinds of agricultural work.

ATHLETICS

It is the purpose of the Department of Physical Education in Bethany College to assist the students to keep the body in the best possible condition. Aside from the

obedience to the ordinary laws of hygiene and dietetics there must be physical activity of one kind or another for the attainment of success. Exercise, either in or out of doors, is not the end, but the means to an end which is the preparation for the "completest living." The college authorities seek the welfare of the students. They wish to prepare them for the battles of life and they recognize the necessity of physical stamina. Many games with athletic clubs and college teams are staged during the year. All students are admitted to all of these games. The Athletic Board is made up as follows: Three members of the faculty, appointed by the President, and two members from the student body, chosen by the faculty. The President of the college is ex-officio member of the Board. The captains of football, basketball, baseball and tennis are chosen by the teams themselves. The Athletic Board reserves the right to remove any captain or manager for cause, at any time.

GENERAL REGULATIONS

ENROLLMENT

Students entering Bethany College enroll for work by first presenting their entrance credits to the Credentials Committee. This should be done by mail as soon in the summer as the student decides to enter the college. The Credentials Committee having accepted the credits, the student on or before his arrival at Bethany is apprized of his standing. On Matriculation Day he will receive from the Classification Committee an enrollment card.

Next the student reports to the Registrar, signs the Matriculation Book, and receives a matriculation number.

He then fills out his enrollment card (consulting his adviser if necessary) and submits it to the registrar for his stamp of approval.

The final step in the enrollment is the presentation of this card to the Bursar with whom a settlement must be made for the term's charges.

The instructor's cards will be distributed from the

office. Class absences after enrollment count against the student's record.

Fees:—The matriculation and tuition fees must be paid invariably in advance. Every student using a scholarship must, when matriculating, present it or a copy of it to the Bursar.

No portion of a student's fees is refunded on account of withdrawal from college, unless his withdrawal be rendered necessary by ill health. No allowance is made on this account for less than four weeks.

Fees for Special Studies:—When a student obtains permission to pursue more than 16 hours of work he must pay \$2.00 for each additional hour. No reduction will be made on these extra studies on any account whatever. Neither will scholarships be accepted in payment for such studies.

Fee for Deferred Matriculation:—Students in attendance during any term must matriculate on the opening day of the following term if they desire to continue their work. Two dollars is charged for each day of delay in matriculating. This rule applies only to the opening of the Winter and Spring terms, and does not relate to students entering for their first term.

Payment of Accounts:—All accounts with the college must be paid in full before students are admitted to the final examinations, at the end of each term.

Examinations:—All students are required to take the examinations that come during the last week of each term, and those who make E or over as an average grade for the term's work, including the examination, are passed. A second examination may be taken within thirty days. Teachers will in no case depart from the schedule time of tests except by special vote of the Faculty.

Special Examinations:—Where a student fails in his examination he may have a second trial within thirty days

by arranging with the professor in charge and paying a fee of \$1.00. When a student is absent from an examination, for any cause, he may have a special examination by paying a fee of \$2.00. These fees are to be paid at the college office before the examination is taken.

Entrance Examinations:—Students desiring examinations for college entrance will be given opportunity to take them without charge on the Fall Term Matriculation Day. If taken at any other time permission must first be secured at the College office and the regular fee of Two Dollars for Special Examinations must be paid.

Engaging Rooms in Advance:—Students engaging rooms in any of the dormitories for the college year are required to pay \$5.00 in advance, not later than September 1st. Rooms will not be held after this date without this advance payment. This payment will be credited on room and deducted when full payment is made for the year or term. This advance payment will not be refunded after September 1st.

Reports:—At the end of each term (or oftener, if requested), a report is sent by the Faculty to the parent or guardian of each student, stating grades and absences from recitations and examinations, together with such other information respecting the student's progress and conduct as may be deemed proper to communicate, or as the parent or guardian may especially request. The object of such reports is to incite the student to diligence by the commendation and encouragement of his friends, and to restrain him from idleness and disorder by their admonition and advice. The usefulness of the reports greatly depends upon the prompt and judicious attention they receive from those to whom they are addressed. Parents and guardians therefore cannot be too earnest or prompt in communicating such advice or encouragement as these reports may suggest.

Number of Studies:—A student must carry at least 15 hours of work, unless, for some good reason, the Faculty allows him a less number. No reduction in tuition is made to those who pursue fewer than 16 hours. No student is allowed to carry more than 16 hours unless he has no grade below C and 12 hours B or above for preceding term. In no case will a student be allowed to carry over 20 hours.

Class and Chapel Attendance:—Students are required to attend every session of the classes in which they are enrolled, and also the daily Chapel exercises.

A straight cut system is in force, a maximum per term of two cuts being allowed in two and three hour courses, and a maximum of three cuts being allowed in four and five hour courses.

Students will be warned from the office as soon as they have one cut in excess of the maximum number allowed.

When the number of cuts becomes double the maximum allowed in any one course, the student will be excluded from said course until he or she has secured the written recommendation of the professor in charge, together with the President.

The following special cases are recognized:

(1.) Prolonged sickness. (At least one week.) Cuts may be removed by the student's petition in writing, through a professor to the Faculty.

(2.) Interscholastic absences, approved by the Faculty in advance, will not count as cuts. The necessary absences must be reported to the Faculty in time for their action, by the director of interscholastic activity under consideration.

(3.) Absences of ministerial students on Saturdays and at other times when such absence is necessary in the opinion of the President of the College and the professors in charge will not count as cuts.

(4.) Absence of agricultural students on necessary agricultural business, approved by the President of the College and the head of the Department of Agriculture, will not count as cuts.

Penalty. Absences will be cumulative. For every twelve absences above the allowed maximum an extra hour of work will be required for graduation.

Student Meetings:—No literary society, club, association, or any other meeting or organization of students may be formed, called or attended without consent of the President or Committee on Student Organizations.

Student Conduct and Discipline:—It is the aim to have the discipline of the college firm and reasonable, appealing to the purest motives and best sentiments of the student. No rules for conduct are made save those believed to be dictated by wisdom. In all matters pertaining to personal conduct the Faculty believes in the American principle of self-government, and confidently relies upon the manly and womanly student for support. When any student cannot be controlled by the application of such principles, or when he becomes so indifferent to his opportunity as to fail to accomplish the object for which he is sent to college, his parents or guardian will be informed of the fact and requested to withdraw him from the college. Every effort will be made to stimulate the student to honest, conscientious work, but valuable time will not be wasted in fruitless attempts of a reformatory character.

Changes in Regulations Covering Courses of Study, Degrees, Discipline, &c:—The college reserves the right to amend the regulations covering the granting of degrees, the courses of study, and the conduct of students. Membership in Bethany College and the receiving of a degree are privileges, not rights.

Failures:—Students failing to make passing grades in 50% of their studies for any term, may secure provisional enrollment for the next term. But if failure to pass recurs, such students will be refused further enrollment except by action of the faculty.

RULES GOVERNING THE FRATERNITIES AND SORORITIES

I. No new student shall be invited or pledged to any fraternity or sorority earlier than Friday, November 5th.

II. No student shall be pledged to any fraternity or sorority more than one year in advance of initiation.

III. Students shall not be initiated into any fraternity or sorority until they have finished the preparatory work and have sixteen hours of resident collegiate work credited on the college books.

IV. No students shall room in a fraternity house until he has been in residence at the college one full year and earned at least forty-eight hours' credit, unless by special permission of the Faculty.

V. The pledges of all fraternities and sororities must be selected from a list of eligibles obtainable at the college office on Thursday, November 4th. The name of no student will appear on this list whose credentials are not in the hands of the Registrar at least three days before said lists are due. The name of no student will appear on this list whose average grade at the mid-term is below D, or whose lowest grade is below E at this time.

STUDENT COUNCIL

The students of Bethany College have organized a Student Council for the purpose of promoting student interests and helping with the various phases of the life of the college. Matters pertaining to debating, athletics, student behavior and other general college matters are given attention. The Council co-operates with the Administration in every way.

THE COLLEGE BOOK STORE

Arrangements have been perfected whereby a book store is maintained in the college. By this plan we are able to provide books for our students at a minimum cost. Students who desire to sell their old text-books or trade them for other text-books will be accommodated in the

book store. The book store does a strictly cash business. No credit is given to any one. This rule is invariable.

THE RELIGIOUS LIFE OF THE COLLEGE

It is the aim of the management to cultivate and develop the religious nature of the student; to create and maintain a religious sentiment that shall be in harmony with the best thought of our Christian civilization.

Daily chapel services are held at 10 o'clock each morning. Attendance is obligatory upon all students. The Bible is a recognized text-book in the college and the constant aim is to surround the students with an atmosphere which is genuinely Christian without being sectarian. A Young Men's Christian Association and a Young Women's Christian Association maintain regular meetings entirely in charge of the students.

STUDENT ACTIVITIES

Student Publications: — The students publish the Bethany Collegian, a weekly devoted to the interests of the college. The Junior and Senior classes also issue annually a publication called The Bethanian.

Literary Societies: — There are in connection with the college two societies devoted to the cultivation of literary composition and oratory — the Neotrophan and the Adelpian. Every student of the college is urged to become a member of one of these societies.

Oratorical Association: — Bethany holds membership in two oratorical associations — the Interstate, including colleges of Western Pennsylvania, Eastern Ohio and Bethany in West Virginia. The college is also a member of the State Intercollegiate Oratorical Association. The Oratorical Association within the college, with the approval of the Faculty, conducts its own contests for the

selection of its representatives in these intercollegiate contests.

Debating Contests:— Each year teams from Bethany College meet teams from near-by colleges. This intercollegiate debating affords the best of opportunities for student development.

The Y. M. C. A. and Y. W. C. A. have each a large and active membership among the students and are doing good work. A large, well-lighted room in the new Library building has been set aside for the use of the Christian associations.

Y. M. C. A. Lecture Course:— A course of popular lectures is given each year under the auspices of this association, affording the students the benefit of some of the best platform talent of the country. Interesting and instructive lectures are given by prominent men from time to time, in addition to the regular lecture course.

Mission Band:— There is in the college a flourishing Volunteer Mission Band, which is a strong factor in developing the missionary spirit. College credit will be given for work done in the study of missions, if the work is properly supervised.

Ministerial Association— This association is made up of young men of the Ministerial Department who are engaged in the work of the ministry. Semi-monthly meetings are held, at which meetings vital problems relating to the ministry are discussed.

Fraternities:— The following Greek letter fraternities are represented at Bethany:— For men, Beta Theta Pi, Kappa Alpha, Sigma Nu and Tau Kappa Alpha; for women, Alpha Chi Delta, Zeta Tau Alpha, and Phi Lambda Chi.

Agricultural Club:— The students in the Agricultural Department have an organization known as the Agricul-

tural Club. Semi-monthly meetings are held at which current problems and practical farm topics are discussed. A club-house and boarding table are maintained for benefit of the students of this organization.

OPPORTUNITIES FOR SELF HELP WORK FOR STUDENTS

With the inauguration of the Agricultural Department, Bethany is able to offer unsurpassed advantages to young men who desire to assist themselves through college by work. The farm work and other work about the college affords opportunities to half a hundred young men who are in earnest and are willing to work to obtain an education. Students desiring information concerning the opportunities offered for self-help should address the President for full particulars. No young man with good health and high spirit should despair of obtaining an education if he is really in earnest and is willing to make some sacrifice to reach his heart's desire.

STUDENT PREACHING

Ministerial students are frequently called to fill pulpits within reach of Bethany. A number of our students preach regularly for near-by churches, and thus, in addition to the good they do for others, earn funds to meet their college expenses. Almost any young man possessing moderate preaching ability can find opportunities to do this kind of work. We recommend, however, that no student below the junior year preach oftener than alternate Sundays.

FEES AND EXPENSES

Matriculation Fee:—All students in all departments are required to pay a matriculation fee of \$5.00 per year. Scholarships are not accepted for matriculation fee. In all cases this must be paid upon entering any college session.

Tuition:— Each student in the college is required to pay a tuition fee of \$30.00 per term. This entitles the student to registration for sixteen hours of class work. No reduction is made for students who enroll for less than sixteen hours. Registration in excess of sixteen hours will be charged for at the rate of two dollars per hour.

Room Rent:—Rooms in Phillips Hall for young ladies' rent for \$1.25 to \$1.75 per week. This rate supposes that each room has two occupants. For those choosing to room alone the room-rent will be double this price. Each student is expected to bring comforts, blankets, sheets, pillows, pillow-cases, towels, napkins and napkin-ring.

It is not expected that young ladies in attendance as students will board elsewhere in the village, unless under the expressed approval of their parents or guardians, with the concurrence of the President.

Parents desiring their daughters to reside elsewhere will please confer directly with the President.

Young ladies intending to enter the college and desiring rooms in Phillips Hall should write the President as soon as a decision is reached. This will insure the reservation of rooms at the prices desired.

Rooms in the Sorority Houses rent for \$1.75 per week for each young lady. Those who room in these houses are subject to the same regulations as those who room in Phillips Hall.

Rooms in Cochran Hall for young men rent for \$60.00 per term where two occupy a suite. There are some single rooms in this dormitory for those who desire to room alone. These rooms rent for \$18.00 per term.

Rooms in Norman A. Phillips Dormitory for young men rent for \$10.00 per term where two occupy the same room.

In both Cochran Hall and the Norman A. Phillips Dormitory, young men will furnish their own sheets, pillow-cases, pillows, bed-spreads, blankets and towels, and will care for their rooms. Students who room in either of these dormitories may take their meals where

they like, but will have preference over the young men who room in the village in securing meals at Phillips Hall, should the dining room at the Hall at any time be overcrowded. Those who expect to room in either dormitory should write and engage rooms as early as possible.

It is recommended that students desiring to room in any of the college dormitories engage their rooms in advance. In order to do this, an advance payment of \$5.00 must be made not later than September 1st. This payment will be credited on room rent. In no case will this advance payment be refunded. A breakage deposit of \$3.00 is required of each student rooming in a college dormitory as a guarantee for the room and furniture. This is refunded when the room is vacated, if everything is in proper condition. The Faculty reserves the right to collect damage beyond this amount in cases of extreme negligence.

Board:—The charge for meals in Phillips Hall is \$4.75 per week. Young ladies are expected to board here unless given permission by the President to board elsewhere. Young men may take meals in this hall, if they desire.

Board in Cochran Hall is \$5.50 per week. A number of young ladies are given special permission to board in this hall.

A number of clubs are conducted in the village by young men and in these board ranges from \$4.00 to \$5.00 per week.

SUMMARY OF FEES AND EXPENSES

Matriculation, per year.....	\$ 5.00	
Tuition per term, not exceeding 16 hours		
per week, \$30.00, per year.....	90.00	
Room rent, \$10.00 to \$18.00 per term, per		
year	30.00 to \$ 60.00	
Table board, \$4.75 per week for 37 weeks	175.75	
Cost per year.....	\$300.75	\$330.75
This does not include books and washing.		

The expenses are payable as follows: Tuition fees and room rent in advance; board at the end of each two weeks or a month.

When tuition, matriculation fees and room rent are not paid before the end of the first two weeks of each term, 10% is added to the charge for these items.

SPECIAL FEES

Advanced Physics.....	\$ 2.00	per term
Biology	2.00	" "
Advanced Botany or Zoology.....	2.00	" "
Chemistry, 11, 32, and 33.....	4.00	" "
Chemistry, 31 and 51.....	5.00	" "
Chemistry, 52.....	7.00	" "
Surveying	2.00	" "
Each extra hour above sixteen.....	3.00	" "
Agriculture 31, 32, 33, 52, 53, 54.....	2.00	" "
Breakage deposit (roomer in any Dormitory).....	3.00	" "
Diploma in all Courses.....	10.00	
Matriculation	5.00	" "
General Agriculture.....	1.00	" "
Special Examination.....	\$1.00 to 2.00	" "
Entrance Examinations (except first week of term).....	2.00	" "
Change of Registration after Registration Day.....	1.00	
Late Matriculation per day.....	2.00	
Music Student for literary study per hour	3.00	per term

STATE RECOGNITION

The Departments of Public Instruction in Ohio, New York, Pennsylvania, Michigan, Illinois and some other states have placed Bethany College on the approval list for the training of teachers. This means that graduates of Bethany College may teach in the public schools of these states without taking the usual teachers' examination.

THE GRADING SYSTEM

The grades of the College are reported by groups and represented by a letter set before the definition of each group.

A Excellent. The letter A to be used to denote work of unusual merit and ability together with conscientious effort at all times.

B Good. The letter B to be used to denote work that is distinctly above the average. An appreciation and grasp of the subject that is very satisfactory.

C Medium or Average. The letter C to be used to denote work such as is done by the majority or at least by a large minority of the students.

D Inferior. The letter D denotes work below the average, a lack of interest or of ability to grasp the subject in a sufficient degree to be recommended for further work in the department.

E Passing. The letter E denotes the poorest grade of work that can be accepted for credit. It may be caused by neglect, lack of ability, or poor preparation. Further work in the same department discouraged.

Inc. Incomplete or Conditioned. The abbreviation Inc. denotes incomplete or conditioned work, made so through sickness or other cause, and where an opportunity will be given for the work to be made up.

Conditions must be removed within thirty days of the end of the term in which the course was taken. Failure to do so will result in having the grade recorded finally as of the group below with grade of F.

F Failure. The letter F denotes work that is definitely unsatisfactory. Additional work in this department forbidden until this course has been taken over.

A course in which a student fails must be taken over at the first opportunity.

Applicants for graduation must have 96 hours of their work represented by a grade of C or above.

No student will be allowed to carry more than 16 hours in any term unless all work for the preceding term is represented by C or above and 12 hours are represented by B or above.

ENTRANCE AND DEGREES

Bethany College offers courses leading to the degrees Bachelor of Arts, Bachelor of Science and Bachelor of Music. Graduate work is also offered leading to the degree of Master of Arts.

TERMS OF ADMSSION

Graduates of accredited High Schools may be admitted to the Freshman class without examination. Such students should present certificates stating the work accomplished, the grade attained, the text-books used and the time devoted to each study. Blanks for this purpose may be secured by addressing the College office. These should be filled out and signed by the principal of the high school where the work was taken. These certificates should be presented before or at the time of matriculation. They must be in the hands of the credentials committee within three weeks of this time.

Students may be admitted to Freshman standing in the college upon examination at the college. Arrangements should be made to take such examinations before matriculation.

Students from other colleges where the curriculum is substantially similar to that offered in this college may be admitted, *ad eundem*, upon presentation of a certificate that they were in good and regular standing. In case students have completed the prescribed studies of a department they cannot expect a grade higher than "passed," if they do not elect some study in that department or stand examination for that department.

Mature men and women may be admitted as special students to such courses as they are prepared to pursue. Such students are not classified and are not given credit for work done until all conditions are removed.

ENTRANCE REQUIREMENTS

A candidate offering at the opening of the college year fifteen units in accordance with the following conditions will receive Freshman rank without condition.

A candidate offering thirteen or more units may be admitted to the Freshman class with condition.

Of the fifteen units required for entrance, nine are prescribed as follows:

English	3 units
Mathematics	2 units
Foreign Language.....	2 units
History	1 unit
Science*	1 unit

*The unit of science should be a laboratory course taken in the last two years of the high school course.

Candidates offering only two units of foreign language may be required to do additional work in foreign language in accordance with the requirements of the major chosen.

DEFINITION OF A UNIT

Four (4) recitation hours a week for one year is the unit of work for entrance requirements and five (5) periods a week of 45 minutes each will be accepted as an equivalent.

CONDITIONS

Candidates offering for entrance less than the required amount of Foreign Language may be given Freshman standing, but will be required before taking 60 hours of college work to complete work in accordance with the conditions listed in the notes under Requirements for Graduation.

The lack of two units or less will not prevent the candidate from securing conditional admission to the Freshman class. Conditions must be removed within one

year after entering college.

No credit upon certificate will be allowed on any subject for work done below the ninth grade.

The extent and character of the work that will be accepted in each subject is as follows:

ENGLISH

1. Rhetoric and Composition. Two units.
2. Literature and Classics. Two units.

MATHEMATICS

1. Algebra. One and one-half units.
2. Geometry, Plane and Solid. One and one-half units.
3. Trigonometry. One-half unit.

LATIN

1. Latin lessons with careful drills forms of declension and conjugation, and the rules of syntax. One unit.
2. Four books of Caesar's Gallic Wars, accompanied by Latin Prose. Composition one period a week. One unit.
3. Six orations of Cicero, including the Manilian Law, or six orations and Sallust's Catiline. One unit.
4. Six books of Virgil. One unit.

GREEK

1. Grammar. One unit.
 2. Anabasis Books I, II, III and IV. One unit.
- Two years must be given to this preparation.

MODERN LANGUAGES

1. German. Two units.
2. French. Two units.
3. Spanish. Two units.

HISTORY

1. Ancient History. One unit.
2. English History. One unit.
3. Mediaeval History. One unit.
4. United States History. One unit.
5. Civics. One-half unit.

A real equivalent may be presented in place of the above.

SCIENCE

1. General Science. One unit.
2. Elementary Biology. One unit.
3. Elementary Physics. One unit.
4. Chemistry. One unit.

In Biology, Physics and Chemistry laboratory work suitable in quantity and quality is required. Notebooks showing work done must be presented at time of entering college.

VOCATIONAL SUBJECTS

1. Elements of Agriculture. One unit.
2. Home Economics. Two units.
3. Stenography and Typewriting. One unit.
4. Bookkeeping. One unit.
5. Commercial Arithmetic. One-half unit.
6. Commercial Law. One-half unit.
7. Commercial Geography. One-half unit.
8. Manual Training. Two units.

The Credentials Committee may, after investigating each claim, grant a total credit in subjects from 2-8, inclusive, of not to exceed four units.

GRADUATION AND DEGREES

Candidates for the Bachelor's degree must have completed all the work required in the course leading to the

desired degree, with an actual attendance in the college during at least the senior year.

Candidates for the degree of Master of Arts must first have received the Bachelor's degree, and thereafter be in actual attendance in the college for one session, and complete 48 term hours of work approved at the beginning of the session by the Committee on Graduate Courses. No applicant can receive the degree of Master of Arts who has not first fulfilled the entrance and graduation requirements for the Bachelor's degree. In addition to the 48 term hours of graduate work required, the candidate for the Master's degree must write a thesis which will be accepted by the Committee on Graduate Courses. The subject of the thesis must be submitted to the Committee on Graduate Courses not later than October 15 and the completed thesis must be in the committee's hands not later than May 15 prior to the stated college commencement at which the degree is to be conferred.

The fee for any diploma is ten dollars. No application for a degree is entertained unless accompanied by the necessary fee which is returned, if the degree is not conferred.

REQUIREMENTS FOR GRADUATION

Candidates for a baccalaureate degree are required to present 192 term hours of college work in addition to the fifteen units required for entrance.

A term hour means one recitation a week or its equivalent.

REQUIRED OF ALL STUDENTS

The following courses must be taken by all students not later than the Sophomore year:

English 11.....	9	term	hours
Chemistry 11 or Biology 11.....	12	"	"
History or Social Science.....	9	"	"
Foreign Language.....	21	"	"
(Greek, Latin, French, German, Spanish.)			
Bible	9	"	"
Physical Training.....	6	"	"

In addition to the above general requirements, every student will be asked to select a major and a minor subject not later than the beginning of the Sophomore year.

A major is made up of at least forty term hours in one department. A minor consists of twenty term hours in a department. Not more than sixty term hours may be offered in any one department. Special requirements governing the selection of major and minor subjects will be determined with the advice of the head of the department in which the major is chosen.

The following courses when taken by students who are credited with 128 term hours will have only three-fourths value for credit: English 11, Biology 11, Chemistry 11, Greek 11, Latin 11 and 12, Mathematics 11 and 12, French 11, German 11, Spanish 11, Philosophy 11, Agriculture 11, Home Economics 11 and 15, Education 11, 12, 13, 14, and 15. New Testament 11, Old Testament 11, 12, and 13.

COURSES OF INSTRUCTION

Meaning of Number of Courses:

Courses numbered from 10 to 30 are for Freshmen.

Courses numbered from 31 to 50 are for Sophomores.

Courses numbered from 51 to 70 are for Juniors and Seniors.

Courses numbered from 71 to 100 are graduate courses open to Juniors and Seniors.

Courses numbered 100 or over are for graduate students only.

The letter (a) after a number indicates that the course is given in the Fall term, the letter (b) indicates Winter term, and the letter (c) indicates Spring term.

DEPARTMENT OF AGRICULTURE

Professor Workman

Assistant Professor Standley

Assistant Professor Howes

Extract from an article by Alexander Campbell on the "New Institution," a prospectus of Bethany College. From the *Millennial Harbinger* of 1840—p. 132.

"Agriculture, both theory and practice, is but beginning to command the respect and attention due to this most useful, honorable and princely of all human callings and pursuits. This, next to religion and morality, and the art of reading and writing, ought to be taught in all its branches, from the infant school and upwards, to the last lecture in the course."

The liberality and wise foresight of Mr. E. W. Oglebay has enabled Bethany College to begin the realization of the earnest wish of its prophetic founder as expressed in the above quotation.

No attempt is made to duplicate the work of the agricultural colleges and experiment stations, but the aim is to give to the limited number of students admitted to the agricultural department of Bethany a practical training in agriculture such as makes rural life satisfying and profitable. Unless this can be done intelligent and ambitious men with good training cannot be expected to remain on the farm.

While the economic motive is powerful, it is not the sole motive in determining an intelligent man's choice of his life work. This department hopes to inspire its students with a love of nature and to show them the opportunities for wholesome family life and development on the farm that will help to overcome the many attractions which have been drawing to the city those who by natural ability and training are best fitted for intelligent work and leadership in the country.

Equipment and Method of Work:—The college farms, comprising over 500 acres of land, are well equipped for demonstration and practical farm work. The useful

farm crops are grown and demonstration experiments are being carried out to show the most profitable crop rotations and the best methods of maintaining soil fertility.

An excellent herd of registered Guernsey cattle and also pure bred animals of other types are kept, making it possible to offer students practical courses in Stock Judging, Dairying and Animal Husbandry.

There are some ideal locations for orchards on the college farms. Fifteen acres have already been planted by this department in co-operation with the State Experiment Station. This orchard contains three hundred selected varieties and should be of great educational value.

Practically all the work in organizing, equipping and operating the college farms in all of their departments is done by the instructors and students of the department of agriculture. Planning and carrying out this work and studying and discussing the results accomplished will best prepare the students to do similar work on their own farms and elsewhere.

A certain amount of work on the farm is required of all students pursuing agricultural studies. This is considered laboratory work, and for it there is no remuneration. For work not considered laboratory work there is compensation and an effort is made to employ all students who are in earnest and willing to perform efficient service. Preference will be given to students majoring in agriculture. Trustworthy and efficient agricultural students may hope to have employment provided for them on the farm during the summer months.

Requirements for the Degree Bachelor of Science in Agriculture:—Students who major in Agriculture and minor in other sciences may obtain, if desired, the degree B.S.Agr., providing the major and minor work constitutes at least half the number of hours required for graduation in a four year course.

Agricultural Short Course:—Students wishing a short course in agriculture may by consultation with the Director

of Agriculture arrange for two years of work. Students satisfactorily completing this work will be granted a certificate.

COURSES

Agriculture 11a. Soils and Crops. An introductory course in crop production, intended to acquaint the student with the fundamentals of modern agriculture. This course, together with the courses in Farm Animals, and Rural Economics, constitutes a general course in agriculture running throughout the year. These three courses make the most desirable electives for normal and other college students desiring to acquaint themselves in a general way with modern agricultural development.

Recitations T., W., T., 11:30; Laboratory S., 10:00-12:00. Four hours credit. Assistant Professor Howes.

Agriculture 11b. Rural Economics. A study of the production, distribution, transportation and marketing of agricultural products. The relation of the industry of agriculture to other industries, co-operation in agriculture, agricultural organizations and the social conditions of agricultural communities are considered.

Recitations T., W., Th., S., 11:30. Four hours credit. Assistant Professor Howes.

Agriculture 11c. Farm Animals. An introductory course in Animal Husbandry designed to acquaint the student with principal types and breeds of farm animals, their practical feeding and management, as well as elementary judging.

Recitations T., W., Th., at 11:30; Laboratory S., 10:00 to 12:00. Four hours credit. Assistant Professor Howes.

Agriculture 31a. Feeds and Feeding. (A study of the general principles of animal nutrition, the common feeds, methods of compounding rations and practical feeding.

Prerequisite, Agriculture 11abc.

Recitations T., Th., 10:30. Laboratory W., F., 10:30-12:30. Four hours credit. Assistant Professor Standley.

Agriculture 31b. Animal Breeding. A study of the principles and problems in breeding farm animals and the proper management of pure bred stock.

Prerequisite, Agriculture 11abc. Hours and credit same as Agriculture 31a. Assistant Professor Standley.

Agriculture 31c. Principles of Dairying. A general survey of the dairy industry. Special attention given to the composition and management of dairy products.

Prerequisite, Agriculture 11abc. Hours and credit same as Agriculture 31a. Assistant Professor Standley.

Agriculture 32a. Agronomy (Small Grains.) A study of the history, adaptation, distribution and classification of the cereal crops and the cultivation, harvesting and marketing of same. The laboratory work will include the inspection and testing of field seeds, judging small cereals and actual work on the farm in connection with crop production and field experiments.

Prerequisite, Agriculture 11abc.

Recitations T., W., F., 8:00. Laboratory Th., 8:00-10:00. Four hours credit. Assistant Professor Howes.

Agriculture 32b. Agronomy (Corn). A study of the history, adaptation, distribution, classification, and cultural methods of corn.

Hours, prerequisite, and credit same as 32a.

Assistant Professor Howes.

Agriculture 32c. Agronomy (Forage Crops). A study of the history, adaptation, distribution and classification of forage crops and cultivation, harvesting, etc., of same. The laboratory work will include inspection and testing of forage seeds. A study of legume inoculation and actual work on the farm in connection with crop production and field experiments.

Hours, prerequisite, and credit same as 32ab.

Assistant Professor Howes.

Agriculture 33a. Farm Machinery. Recitations and laboratory work covering construction, operation, adjust-

ment of farm machinery, including plows, tillage tools, seeding machinery, harvesters, etc.

Prerequisite, Agriculture 11abc. Recitations, T., Th., 2:30. Laboratory W., F., 1:30-3:30. Four hours credit.

Assistant Professor Howes.

Agriculture 33b. Farm Motors. Recitations and laboratory work covering the construction, operation, and adjustment of farm motors and tractors.

Prerequisite, Agriculture 11abc. Recitations T., Th., 2:30. Laboratory W., F., 1:30-3:30. Four hours credit.

Assistant Professor Howes.

Agriculture 33c. Farm Construction Work. Recitations and laboratory work covering the construction of farm drains, fences, roads, and buildings.

Prerequisite, Agriculture 11abc and Agriculture 33ab. Hours and credit the same as Agriculture 52ab.

Assistant Professor Howes.

Agriculture 51a. Farm Management. Recitations and laboratory work upon the problems of farm management and their effect upon maintaining the fertility of the soil. The business of farming from the standpoint of the individual is studied.

Open only to Senior Agricultural students. T., W., Th., F., 2:30. Four hours credit.

Assistant Professor Standley.

Agriculture 51b. Farm Management and Agricultural Economics. Continuation of Agriculture 51a. Inventories and farm surveys will be made and methods of farm accounting discussed and applied.

Prerequisite, Agriculture 51a. T., W., Th., F., 2:30. Four hours credit.

Assistant Professor Standley.

Agriculture 51c. Agricultural Economics. Recitations upon the production, distribution, transportation and marketing of agricultural products. The relation of the industry of agriculture to other industries, co-operation in agriculture, agricultural organizations and the social conditions of agricultural communities are considered.

Prerequisite, Agriculture 51ab. T., W., Th., F., 2:30.
Four hours credit. Assistant Professor Standley.

Agriculture 52a. Fruit Growing. The course deals with the fundamental problems of fruit growing, with special reference to the home or farm orchard, and small fruits. The problems of soil, location, propagation, pruning, spraying, cultivation, harvesting and marketing receive special consideration. Each student is to make a collection and study of the common insects and fungus pests of the orchard.

Prerequisite, Agriculture 11abc. Recitations T., W., F., 9:00. Laboratory S., 8:00-10:00. Four hours credit.
Assistant Professor Howes.

Agriculture 52b. Small Fruits. This is a continuation of 54a and takes up extensively the growing of grapes, bush fruits and strawberries.

Prerequisites, Agriculture 11abc and Agriculture 52a. Recitations T., W., F., 9:00. Laboratory S., 8:00-10:00. Four hours credit. Assistant Professor Howes.

Agriculture 52c. Vegetable Gardening. Including a study of location, soils, manures and fertilizers, marketing, storing, etc., as related to home and market gardens. Each of the garden vegetables is considered specifically.

Prerequisites, Agriculture 11abc and Agriculture 52ab. Recitations T., W., F., 9:00. Laboratory S., 8:00-10:00. Four hours credit. Assistant Professor Howes.

Agriculture 53a. Sheep and Swine Husbandry. A study of different breeds, types and market classes and of various systems of management.

Prerequisite, Agriculture 11abc and 31abc. Recitations and lectures T., W., S., 9:00. Laboratory M., 8:00-10:00. Four hours credit. Assistant Professor Standley.

Agriculture 53b. Poultry Husbandry. A study of the more important breeds of poultry, incubation, brooding, rearing, general care and management. Some attention

given to poultry house construction.

Prerequisite, Agriculture 11abc and 31abc. Recitations and lectures, T., W., S., 9:00. Laboratory M., 8:00-10:00. Four hours credit. Assistant Professor Standley.

Agriculture 53c. Diseases of Farm Animals. A study of some of the common diseases of farm animals and their prevention.

Prerequisites, Agriculture 11abc and 31abc. Recitations and lectures T., W., S., 9:00. Laboratory M., 8:00-10:00. Four hours credit. Assistant Professor Standley.

Agriculture 54abc. Stock Judging. Recitations and lectures on the use of the score card. Practical work in scoring, judging and placing horses, cattle, swine, sheep and poultry from both various standpoints.

Prerequisite, Agriculture 31abc. Recitations and lectures T., 8:00. Laboratory Th., F., 8:00-10:00. Three hours credit each term. Assistant Professor Standley.

For work offered in Agricultural Chemistry and Soils see Department of Chemistry.

DEPARTMENT OF BIOLOGY AND GEOLOGY

Assistant Professor Carney

Professor Williams

The courses offered in this department are along four lines: (1) General Biology, (2) Botany, (3) Zoology, (4) Geology.

Biology 11a. A general survey of the plant and animal kingdoms from the standpoint of phylogeny, interdependence of origins, heredity and variation, natural selection and development, the life cycle, economic importance, practical application to every-day life, etc.

Recitations and lectures T., Th., 1:30. Laboratory Section A, W., F., 1:30-2:30; Section B, M., 8:00-12:00. Four hours credit. Assistant Professor Carney.

Biology 11b. Continuation of 11a.

Prerequisite, Biology 11a. Hours and credit the same as 11a. Assistant Professor Carney.

Biology 11c. Continuation of 11b.

Prerequisite, Biology 11b or its equivalent. Hours and credit the same as 11b. Assistant Professor Carney.

Biology 31a. Dendrology. A general study of forest and decorative trees and shrubs, paying attention to planting of forest areas, use of trees and shrubs in landscaping, care of woodlots, commercial uses of trees and shrubs, identification of common trees and shrubs, and conservation of our timber resources.

Recitations and lectures T., Th., 9:00. Laboratory W., F., 8:00-10:00. Four hours credit. Prerequisite, Biology 11abc. Assistant Professor Carney.

Biology 31b. Plant Physiology. A study of the functions of vascular plants.

Prerequisite, Biology 31abc and Biology 31a. Hours and credits the same as Biology 31a.

Assistant Professor Carney.

Biology 31c. Plant Ecology. A study of the adaptation of plants to their surroundings, such as light, soils, water, drought, heat, cold, crowding, etc.

Prerequisite, Biology 11abc and Biology 31ab or the equivalent. Hours and credits the same as in Biology 31a.

Assistant Professor Carney.

Biology 32ab. Plant Pathology. A detailed study of the various diseases affecting economic plants, and their method of control.

Recitations and lectures T., Th., 9:00. Laboratory W., F., 8:00-10:00. Prerequisite, Biology 11abc or its equivalent. Offered 1921-1922. Assistant Professor Carney.

Biology 32c. Advanced Plant Pathology. A study of the cultural methods of fungi and bacteria causing plant diseases, plant resistance or immunity to disease, infection

and inoculation, seed disinfection, etc.

Prerequisite, Biology 11abc and Biology 32ab. Hours and credit the same as Biology 32ab. Offered 1921-1922.

Assistant Professor Carney.

Biology 36a. Invertebrate Zoology. Prerequisite, Biology 11abc. Recitations T., Th., 9:00. Laboratory W., F., 8:00-10:00. Four hours credit. Professor Williams.

Biology 36b. Invertebrate Zoology. Continuation of Biology 36a. Prerequisite, Biology 11abc and Biology 36a. Hours and credits the same as 36c. Professor Williams.

Biology 36c. Vertebrate Zoology. Prerequisite, Biology 11abc and Biology 36ab. Hours and credits the same as 36a. Professor Williams.

Geology 41a. General Geology. A study of physiographic features and dynamic considerations.

Prerequisite, Chemistry, Biology, and Preparatory Physiography or Physical Geography.

T., W., Th., F., 10:30. Four hours credit.

Assistant Professor Carney.

Geology 41b. Mineralogy. A study of stratigraphy and structural geology, with text and laboratory exercises in the common rocks and minerals.

Prerequisite, Geology 41a.

T., W., Th., F., 10:30. Four hours credit.

Assistant Professor Carney.

Geology 41c. Historical Geology. A study of historical Geography by means of recitation, lectures, construction of maps and sectional diagrams.

Prerequisite, Geology 41ab, or equivalent.

T., W., Th., F., 10:30. Four hours credit.

Assistant Professor Carney.

DEPARTMENT OF CHEMISTRY**Professor Workman****Professor Williams****Mr. Lacock**

The aims of the courses in this department are to furnish students with such a training in the fundamental principles of chemistry as ought to be a part of a liberal education and, at the same time, to provide a satisfactory foundation for specialization. Some of the more advanced courses are not given every year but are so alternated that students staying in the college four years have an opportunity to get practically all the work offered. The fees for the various courses are stated elsewhere in the catalogue. Besides the fees named, each student is required to make a deposit with the bursar of the college each term of two dollars for Chemistry 11, three dollars for Chemistry 31, 32, 33 or 51, and five dollars for Chemistry 52. The deposit, less any charges that may be made for breakage, is returned to the student at the end of the term.

Chemistry 11a. General Chemistry. A study of the chemistry of non-metals. In this course and the following one special emphasis is placed on the application of chemistry to daily life. The course is arranged to meet the requirements of those who have had an elementary course in the general principles of chemistry as well as those who are just beginning the subject. Lectures T., Th., 8:00. Laboratory open W., F., 8:00-10:00, and M., 8:00-12:00. Four hours credit. Professor Workman, Professor Williams and Assistants.

Chemistry 11b. General Chemistry. This course is a continuation of 11a and consists of a study of the metals and their chief compounds.

Lectures T., Th., 8:00. Laboratory W., F., 8:00-10:00, and M., 8:00-12:00. Four hours credit.

Chemistry 11c. Elementary Qualitative Analysis. This is an elementary course in the principles of qualita-

tive analysis and consists of a study of common metals and acids and their identification in simple compounds and mixtures.

Lectures, quizzes and laboratory T., W., Th., F., 8:00-10:00, and M., 8:00-12:00. Four hours credit. Professor Workman, Professor Williams and Assistants.

Chemistry 31a. Qualitative Analysis. A study of the principles and methods of qualitative analysis and identification of metals in chemical compounds, minerals and ores. The course is intended specially for those who enter college with advanced standing and have never had any work in qualitative analysis. It will be offered when called for by a sufficient number of students.

Laboratory open T., W., Th., 10:30-12:30, and M., 8:00-12:00. Three hours credit.

Chemistry 32abc. Agricultural Chemistry. The course is intended specially for agricultural students. The first term is given to a study of Organic Agricultural Chemistry and the remainder of the year to a study of the physical and chemical properties of soils. Prerequisite, one year of college chemistry. Offered in 1921-22. Alternates with Chemistry 33abc.

Lectures T., Th., 11:30. Laboratory W., F., 10:30-12:30. Four hours credit each term. Professor Workman.

Chemistry 33abc. Chemistry of Foods and Nutrition. This course is specially intended for students in the department of home economics and alternates with Chemistry 32abc. A study is made of the composition and nutritive value of various foods, food legislation and inspection, food preservation and adulteration. Laboratory work includes some exercises in elementary quantitative analysis followed by analysis of typical foods, such as cereals, milk, flour, butter and cheese. Prerequisite, Chemistry 11abc. Lecture Th., 11:30. Laboratory W., F., 10:30-12:30. Three hours credit each term. Professor Workman.

Chemistry 34abc. Advanced General Chemistry. A study of special topics in the field of advanced general

chemistry. Special emphasis is placed on chemical laws and theories and the chemistry of some of the rarer elements.

Lectures T., Th., 10:30. Two hours credit each term.

Professor Workman.

Chemistry 51abc. Quantitative Analysis. A study of the fundamental principles of gravimetric and volumetric analysis. The nature of the laboratory exercises is made to conform as far as possible to the needs of the various students taking the work. The course alternates with Chemistry 52abc. Prerequisite, one year of college chemistry. Offered in 1921-22.

Lecture T., 11:30. Laboratory open W., Th., F., 10:30-12:30, and M., 10:00-12:00. Four hours credit each term.

Professor Workman.

Chemistry 52abc. Organic Chemistry. A general course in organic chemistry. A study is made of both aliphatic and aromatic compounds and their derivatives. Typical organic compounds are prepared in the laboratory. Prerequisite, Chemistry 11abc, and preferably Chemistry 34abc and 51abc. The course alternates with Chemistry 51abc. Offered in 1920-21.

Lecture T., 11:30. Laboratory open W., F., 10:30-12:30, and M., 8:00-12:00. Four hours credit each term.

Professor Williams.

Chemistry 53abc. Industrial Chemistry. This course consists of lectures on various industrial processes, written reports on assigned topics and observation trips to industrial plants in the Ohio Valley. Prerequisite, Chemistry 11abc, 34abc, and 52abc.

Lecture S., 1:30. One hour credit each term.

Professor Workman.

Chemistry 54abc. Physiological Chemistry. A study of the chemistry of carbohydrates, fats and proteins and their digestion and metabolism in the animal organism. Special emphasis on the chemistry of various body tissues and secretions. Prerequisite, Chemistry 11abc and 42abc. Offered in 1921-22. Two lectures a week. Two hours credit each term. Time to be arranged.

Professor Williams.

DEPARTMENT OF CHURCH HISTORY

President Goodnight
Professor Martin

Church History 51a. The Ancient Church. A study of the origin and development of Christianity to the close of the sixth century. T., W., S., 9:00. Three hours credit.
Professor Martin.

Church History 51b. The Medieval Church. A continuation of course 51a to the beginning of the Reformation. T., W., S., 9:00. Three hours credit.
Professor Martin.

Church History 51c. The Modern Church. A general survey of the life and work of the church in modern times. T., W., S., 9:00. Three hours credit. Professor Martin.

Church History 52a. Life and Times of Jesus. Three hours credit. (Not offered in 1920-1921.)

Church History 52b. The Apostolic Age. Four hours credit. (Not offered 1920-1921.)

Church History 52c. History of the Disciples. Three hours credit. (Not offered 1920-1921.)

Church History 71a. The Reformation. A study of the rise and development of the Reformation in Germany. T., W., F., 8:00. Three hours credit.
President Goodnight.

Church History 71b. The Reformation. A study of the rise and development of the Reformation in the countries outside of Germany. T., W., F., 8:00. Three hours credit.
President Goodnight.

Church History 71c. The Church in England. A study of the Reformation in England and the rise of Anglicanism and the development of Non-Conformist

groups. T., W., F., 8:00. Three hours credit.

President Goodnight.

Church History 72ab. The History of Christian Doctrine. A study of the rise and development of the outstanding doctrines of the Church as held by leading church groups. (Not offered in 1920-1921.)

Church History 72c. The History of Christian Missions. A study of the progress of the church from the standpoint of its expansion. (Not offered in 1920-1921.)

DEPARTMENT OF EDUCATION

Professor Hunter

Professor Miller

Professor Leitch

Assistant Professor Stafford

Assistant Professor Bragg

AIMS AND REQUIREMENTS

The primary aim of the Department of Education is to send forth graduates with professional enthusiasm, knowledge of the basic principles of educational theory and practice, and with special preparation to teach certain chosen subjects embraced in the secondary school curriculum.

Candidates for the elementary school certificate must have complied with the requirements established by the State Department of Education of West Virginia. All candidates for graduation or certificates must have completed four semester hours of observation and practice teaching.

OPPORTUNITIES FOR OBSERVATION AND PRACTICE

Candidates for high school teaching certificates are privileged to observe and do actual school room teaching in the local high school. The excellent high schools of

Wellsburg, Wheeling and Steubenville are easily accessible by trolley, in which in addition to some smaller high schools some of the observation is done. Candidates for certificates do their practice teaching and most of their observation in the village schools of Bethany and have ready access to rural and city schools for additional observation. All observation and practice teaching is under the direction and supervision of instructors in the Department of Education.

COURSES OF STUDY

Education 17abc. Principles of Education. This course is planned to introduce the student to the general field of education, to show the relationships existing between the varied means of approach and to serve as a general preparation for the more specific courses. Required of all students in education. Credit, 2 hours per term.

W., F., at 8:00.

Professor Hunter.

Education 11a. Psychology of Childhood. A study of the physical and mental development of children. The appearance and use of instincts, the place of play, etc., closing with a brief study of mental tests.

T., Th., F., at 3:30. Three hours credit.

Professor Miller.

Education 11b. Educational Psychology. The practical problems of education viewed on the basis of their psychological significance. The learning process, educating the senses, memorizing, etc.

T., Th., F., at 3:30. Three hours credit.

Professor Miller.

Education 11c. Psychology and Elementary School Subjects. This course aims to apply to the curriculum the educational principles arrived at in the preceding courses. Prerequisites, 12a and 12b.

T., Th., F., at 3:30. Three hours credit.

Professor Hunter.

Education 18abc. History of Education. A course to meet the needs of the candidates for elementary certificates.

S., 10:30. One hour's credit. Professor Hunter.

Education 13a. General Methods. A discussion of class methods and lesson plans, and the preparation and presentation of material. Classroom problems are discussed. Required for normal certificate. Credit, 3 hours.

T., Th., S., at 8:00. Assistant Professor Stafford.

Education 13b. Classroom Management. Presents the practical problems of the schoolroom, such as, organization, departments, courses of study, daily programs, appliances and furniture, and West Virginia school law. Required for normal certificate. Credit, 3 hours.

T., Th., S., at 8:00. Assistant Professor Stafford.

Education 13c. School Hygiene. The problems of hygiene in relation to school life. The course considers sanitation, heating and ventilation, orientation, lighting, the child, instruction, fatigue, and first aid. Required for normal certificate. Credit, 3 hours.

T., Th., S., at 8:00. Assistant Professor Stafford.

Education 36a. History of Education to the Reformation. This course emphasizes the historical relation of education to social organization and to current educational theory. Reports on assigned topics will be required in all courses in the history of education. Credit, 3 hours.

T., Th., S., at 8:00. Professor Hunter.

Education 36b. History of Modern Education. Special attention is given to naturalistic, psychological and scientific movements and recent sociological tendencies. Credit, 3 hours.

T., Th., S., at 8:00. Credit, 3 hours.

Professor Hunter.

Education 36c. History of American Education. The development of principles and methods of education and the growth of elementary and secondary school systems in the United States.

T., Th., S., at 8:00.

Professor Hunter.

Education 15abc. Public School Music. First year work includes sight-singing from blackboard chart and Harmonics first and second readers. Ear training, both oral and written. Theory which consists of a study including all major and minor keys and scales both in treble and bass cleff, simple modulations, etc. Methods which include work for each grade during the year are carefully planned and worked out. Hours to be arranged.

Assistant Professor Bragg.

Education 35abc. Normal Music consisting of advanced sight-singing, Musical History, Harmony under Professor Moos, Modulation, Eartraining and Methods.

Assistant Professor Bragg.

Education 14abc. Public School Drawing. This is a course intended for those who desire to teach drawing in the public schools. Methods are given in the first year and work for each grade is planned and carried out in different mediums, such as pencil, crayon, paper-cutting, water-color and pastel. This course is required of all normal students. 2 hours credit.

Assistant Professor Bragg.

Education 34abc. Work in the second year cannot be pursued until students have successfully completed the first year's work. An advanced course of study is planned for High School teaching. Design is studied in second year's work; also oils, water-color and charcoal mediums are used.

Assistant Professor Bragg.

Education 31abc. Special Methods. A detailed consideration of public school subjects as outlined by the State. Selection and arrangement of materials, correlation of subjects, and application of educational principles to the classroom.

Prerequisite, first year of the Normal course. Required for Normal certificate. Two hours credit each term.

W., F., at 8:00.

Assistant Professor Stafford.

Education 32abc. Observation and Practice Teaching.

Every student desiring a Normal Certificate must take this work in the public schools of Bethany.

Prerequisite, all subjects required for the first year Normal course. Required for Normal certificate.

Time will be arranged. No college credit is given for this course. Two hours credit each term on Normal Certificate. Assistant Professor Stafford.

Education 33a. Introduction to Psychology. The structure and function relation are emphasized throughout the course.

T., W., Th., S., at 1:30. Credit, 4 hours.

Professor Leitch.

Education 33b. Logic. A study of the laws and methods of correct thinking.

T., W., Th., S., at 1:30. Credit, 4 hours.

Professor Leitch.

Education 33c. Ethics. A study of moral conduct on the various levels.

T., W., Th., S., at 1:30. Credit, 4 hours.

Professor Leitch.

Education 34abc. Story Telling. This course presents the value and uses of story telling. One hour each week is given to the actual telling of stories to children. A course especially helpful to teachers, ministers or others whose work deals with children. Credit, 2 hours each term.

T., 3:30; Th., 4:00. Assistant Professor Stafford.

Education 51a. History and Principles of Secondary Education. A consideration of the secondary school from the standpoint mainly of history and sociology. The junior high schools, its aim and present status. Credit, 3 hours.

T., W., F., at 10:30.

Professor Hunter.

Education 51c. Pedagogy of the Secondary School Subjects. Special attention will be given to those subjects

in which students have elected majors and minors. Credit, 3 hours.

T., W., F., at 10:30.

Professor Hunter.

Education 51b. Psychology of Adolescence. This course is planned to acquaint the students with the instincts and the personal equation of the high school pupil. Credit, 3 hours. Prerequisite, Education 33c.

T., W., F., at 10:30.

Professor Miller

Education 52a. Educational Measurements. This course will center about the measurement of high school subjects. Some attention will be given to measurement of elementary school subjects. Credit, 3 hours.

T., Th., F., at 9:00.

Professor Hunter.

Education 52b. School Organization and Administration. This course will give a general survey of the educational field. Relation existing between the state and the local community, with frequent reference to state laws. The school board, centralization, vocational education, school architecture and sanitation, budgets, etc. Credit, 3 hours.

T., Th., F., at 9:00.

Professor Hunter.

Education 52c. School Supervision and Management. The professional rather than the administrative viewpoint will be emphasized. The teaching staff and its work. The school supervision. Retardation, promotions, special classes. School problems will be considered mainly from the viewpoint of the secondard school. Credit, 3 hours.

T., Th., F., at 9:00.

Professor Hunter.

Education 53abc. Observation and Practice Teaching. This is a very important course and is open only to seniors who have majored in education. So far as possible students will be allowed to observe and teach mainly in the subjects in which they purpose to teach after graduation. Credit, 2 hours per term. Hours to be arranged.

Professor Hunter.

DEPARTMENT OF ENGLISH

Professor Bourne
Assistant Professor Ashby

English 11a. Class work will consist of a study of the principles of narration and description—recitations, discussions, written exercises and assigned reading. This course presupposes a preparation equivalent to a four-year's course in high school Rhetoric. Recitations three times a week. Three hours credit.

Section I—9:00 T., Th., S.

Section II—10:30 T., Th., S.

Section III—2:30 T., W., F.

English 11b. Continuation of 11a. In connection with the work in composition there will be assigned reading and study of articles bearing on present day events in the leading magazines. Three hours credit. Sections and hours as above.

English 11c. Study of principles of exposition. Theme-writing, study of selections of standard English prose. Four hours credit. Sections and hours as above.

English 32a. A general survey of the history of English literature of the fourteenth and fifteenth centuries with selections for class study. Four hours credit.

9:00 T., W., F., S.

Texts—The Age of Chaucer—J. F. Snell, Pub. G. Bell & Son, London. (Macmillan, N. Y.)

Selected readings from Neilson and Webster's "The Chief British Poets".

English 32b. English literature from 1550 to 1660. General survey of the period with selections for class study.

Text—The Age of Shakespeare. Vol. I. Poetry and Prose.

Four hours credit. 9:00, T., W., F., S.

English 32c. English literature from 1660 to 1780. A study of the historical background of the period. Selections from the literature of the period for class study.

Four hours credit. 9:00, T., W., F., S.

English 53a. A rapid survey of the history and development of the drama from its beginning in the liturgical play to the complete drama in the sixteenth century. Specimen plays in each period will be studied.

Three hours credit. (Not given 1920-21.)

English 53b. The drama of Shakespeare. Lectures, discussion, required reading.

Three hours credit. (Not given in 1920-21.)

English 53c. English literature of the seventeenth century with special reference to Milton.

Three hours credit. (Not given in 1920-21.)

English 52a. English literature from 1660 to 1700 with special reference to the poetry of Dryden.

Three hours credit. 11:30, T., W., F.

Text—The Age of Dryden, by R. Garnett. Pub.—Macmillan, N. Y.

English 52b. A study of the writers of the Queen Anne period with special reference to Pope, Addison, Swift.

Three hours credit. Days and hours same as 52a.

Text—The Age of Pope.—J. Dennis. (G. Bell, London.)

English 52c. English literature of last half of the eighteenth century with special reference to Dr. Johnson and his circle.

Text—Dr. Johnson and his circle.—Burley. (Deury, Holh & Co., Pub.)

English 72a. English literature of the latter eighteenth century. Special attention will be given to the writers

representing the beginning of the Romantic Movement — Gray, Cowper, Thomson, Goldsmith, Burns and others.

Three hours credit. 2:30, T., W., Th.

English 72b. English literature from 1779-1830. Writers representing the Romantic triumph in English literature will be studied — Byron, Shelley, Keats, Coleridge, Wordsworth.

Three hours credit.

English 72c. Continuation of 72c with special reference to the prose writers of the period — Lamb, Hazlitt, DeQuincey, Coleridge and others.

Three hours credit. Days and hours as above.

English 71a. English literature of the nineteenth century. A study of the leading prose writers of the period — Macaulay, Carlyle, Ruskin, Arnold. Lectures, assigned reading, written reports.

Three hours credit. (Not given 1920-21.)

English 71b. Literature of the nineteenth century continued. Study of the poetry of Tennyson, Browning and others.

Three hours credit. (Not given 1920-21.)

English 71c. English literature of the late nineteenth century, and the beginning of the twentieth — Meredith, Hardy, Galsworthy and others.

The new poets, Masfield Scudder Middleton, Rupert Brooke, Yeats, Edgar Lee Masters and others.

Three hours credit. (Not given 1920-21.)

DEPARTMENT OF GREEK**Professor Gay**

All effort in this department will be directed, first, to impart an accurate knowledge of Greek as a language; second, to develop appreciation for Greek as the purest literature and as a criterion for the appreciation of the best in all literature. In the earlier part of the course emphasis will be laid upon the mastery of inflections and syntax and the writing of Greek. Comparison of Greek and English idiom and syntax will be constantly made and the student will be encouraged to exercise his own judgment and discrimination in this comparison. Later more emphasis will be placed upon the student's ability to appreciate and interpret the thought of the Greek Masters, especially in relation to the contribution which Greek civilization has made to modern life.

In the Greek of the New Testament constant comparison will be made with classical Greek and emphasis will be placed upon the finer distinctions of syntax as they effect the interpretation of the text.

Greek 11abc. Elementary Greek. This course includes a mastery of the essential principles of Greek grammar and the reading of a number of Greek stories.

Prerequisite, two units of preparatory Latin.

T., W., Th., F., 3:30. Four hours credit.

Greek 41abc. Homer, Iliad and Odyssey. This course includes weekly reports on assigned topics dealing with the History of Hellenic Civilization.

Prerequisite, Greek 11abc.

T., W., Th., F., 1:30. Four hours credit.

Greek 51abc. Greek Dramatists.

- a. Aeschylus' Prometheus Bound.
- b. Sophocles' Oedipus Tyrannus.
- c. Euripides' Iphigenia in Tauris.

The reports on the History of Hellenic Civilization will continue throughout the year.

Prerequisite, Greek 41abc.

T., W., Th., S., 9:00. Four hours credit.

Greek 52abc. Plato.

a. Apology and Crito.

bc. Selections.

Weekly reports on the History of Hellenic Civilization as in Greek 41abc. Not offered in 1920-21.

T., W., Th., S., 9:00. Four hours credit.

Greek 81abc. A course in the Greek New Testament, covering the Gospel of Luke, with selections from the other gospels, a portion of The Acts of the Apostles, I and II Thessalonians and I and II Corinthians.

Prerequisite, Greek 51abc or 52abc.

T., W., F., 11:30. Three hours credit.

Greek 111abc. An advanced course in Greek Exegesis. A critical study of Paul's Epistles to the Galatians, Romans, Ephesians, Philippians, Colossians and Hebrews.

Prerequisite, New Testament 81abc.

T., W., F., 2:30. Three hours credit.

DEPARTMENT OF HISTORY AND POLITICAL SCIENCE

Professor Martin

HISTORY

33a. Medieval History. From the decline of the Roman Empire to the opening of the sixteenth century. Text: Thorndyke.

T., W., Th., F., 8:00. Four hours credit.

33bc. Modern Europe. From 1500 A.D. to 1919. Text: Hayes' Social and Political History of Modern Europe. Vol. 1 and 2.

T., W., Th., F., 8:00. Four hours credit each term.

History 31abc, prerequisite for all courses in history.

51abc. History of the United States. From the discovery of America to the present time. Some attention to the European background. Text: Elson.

W., F., 1:30. Two hours credit each term.

52abc. History of Colonization. A study of colonization from early Phoenecian colonization to the present time, including America, India, and Africa. (Not offered 1920-1921.)

54a. The German Reformation. (Offered 1921-1922.)

54b. The French Revolution. (Offered 1921-1922.)

54c. The Rise of Italy. (Offered 1921-1922.)

55abc. History of England. Special attention to English and Anglo Saxon relations. Text: Cheyney.

T., Th., 1:30. Two hours credit each term.

POLITICAL SCIENCE

72a. Political Science. The nature, structure and province of the State. Text: Leacock.

T., W., Th., F., 10:30. Four hours credit.

72b. International Law. The subjects and objects of the law of peace. The Law of War with reference to the land, maritime, and aerial warfare. History of international relations. Text: Hershey.

(Not offered in 1920-1921.) Three hours credit.

73c. Government of American Cities. The peculiar problems of government in our complex American cities. The foreign element in our city life. Text: Munro. (Not offered in 1920-1921.)

ECONOMICS

52bc. Principles of Economics. This course aims to give the student a grasp of the fundamental principles that underlie economic life. Texts—Seager: Principles of Economics; Hayes: Problems and Exercises in Economics.

T., W., Th., F., 10:30. Four hours credit each term.

71a. Money and Banking. (Offered 1921-1922.)

71b. The Labor Problem. (Offered 1921-1922.)

71c. Public Finances and Taxation. (Offered 1921-1922.)

DEPARTMENT OF HOME ECONOMICS

Professor Acker

Miss ———

An entire floor of Oglebay Hall of Agriculture has been set aside for this department; the space at command comprising kitchen and serving laboratories, a demonstration dining room, and recitation room.

The course in Home Economics is designed to meet the needs of two classes of students; those who specialize in other lines of work, but who desire a knowledge of the fundamental principles underlying the sciences most directly concerned in the home, and those who wish to take a full course leading to the Degree of Bachelor of Science in Home Economics.

Uniform. Each student must be provided with two long white aprons, two caps, a holder for lifting hot pans, and three small hand towels.

Fees. A fee of \$2.50 per term will be charged students enrolled in the domestic science department and fifty cents a term in the cosmetic arts department to cover the cost of material used.

Each student before graduation will be required to plan, direct, and serve a dinner to at least six guests.

SHORT COURSE FOR TEACHER'S CERTIFICATE

Students who are graduates of accredited High Schools and are able to present the proper units may secure a teacher's certificate on completion of two years of college work. The following courses are recommended for Freshman year: English 11abc, Chemistry 11abc, Domestic Science 11abc, Domestic Arts 11abc, Education 13abc.

Sophomore year: Education 11abc, Education 31abc, Education 32abc, and Home Economics. To secure a certificate in West Virginia a student must present work in Public School Music and Drawing.

REQUIREMENTS FOR THE DEGREE BACHELOR OF SCIENCE IN HOME ECONOMICS

Students who major in Home Economics and minor in other sciences may obtain, if desired, the degree B.S.H.E., providing the major and minor work constitutes four-year course. Electives: Economics, English, Sociology, Education.

COURSES OF INSTRUCTION

Home Economics 11abc. Home Cookery and Table Service. A study of foods, principles governing their preparation, purpose in cooking, chemical composition, changes induced by heat, cold and fermentation. Planning meals, cooking and sewing, emphasizing efficient expendi-

ture of time, labor and money.

Lecture and Laboratory, four hours a week.

Three hours credit. T., F., 10:30-12:30.

Home Economics 15abc. Machine Sewing and Pattern Drafting. Efficient sewing methods applied on wash materials. Drafting patterns and alterations of commercial patterns. Hand sewing and undergarments, prerequisite.

Lecture and Laboratory, three hours a week.

Three hours credit. W., Th., 10:30-12:30.

Home Economics 13abc. Elementary Cooking. Neatness and definiteness and use and care of the laboratory equipment are a part of every lesson. Designed to give a knowledge of the principles underlying the selection and preparation of food. Cooking and serving of foods. This course is for those who have had no Home Economics in High School.

Lecture and Laboratory, four hours a week.

Two hours credit. T., F., 1:30-3:30.

Home Economics 16abc. Hand Sewing and Undergarments. A study of the fundamental stitches, and processes applied to useful articles. Practice in cutting and making undergarments. This course is for those who have had Economics in High School.

Lecture and Laboratory, four hours a week.

Two hours credit. W., Th., 1:30-3:30.

Home Economics 12ab. Home Sanitation. This subject deals with healthfulness of location, drainage, and surroundings of a dwelling; heating, necessity of proper amount of sunlight, ventilation, over-crowding, disposal of household waste, preventable diseases. Chemistry 11abc prerequisite or parallel.

Lecture and recitations, two hours a week.

T., Th., 9:00. Two hours credit.

Home Economics 12c. House Furnishing. Planning and furnishing a small house at stipulated cost. Study of color combinations, effect of color and practical application

in the home. Economical furnishing. Prerequisite, H. E. 33ab.

Lecture, one hour a week. Laboratory, two hours a week.

T., Th., 9:00. Credit, two hours.

Home Economics 33a. Household Administration.

Course dealing with efficient management of the home, including budgeting of the income, proper distribution of time in daily routine duties. Keeping of household accounts, use of labor-saving devices. Prerequisite, H. E. 11abc and 15abc.

Recitation and lecture, three hours a week.

T., Th., S., 8:00. Three hours credit.

Home Economics 33b. Home Care of the Sick, Feeding and Care of Children. A series of lectures dealing with the fundamental principles in home nursing. The feeding and care of children from infancy through adolescence will form an important part of the course.

Lecture, three hours a week.

T., Th., S., 8:00. Three hours credit.

Home Economics 33c. Dietetics. A consideration of metabolism, and its process, with special reference to cell utilization of food. The relation of diet to the more common disorders of nutrition and the comparative nutritive values of different types of food.

Lecture and recitation, three hours a week.

T., Th., S., 8:00. Three hours credit.

Home Economics. Problems in Clothing. Designing, cutting and making of wool and silk dresses, hygiene of clothing, clothing budgets. Winterburn's "Principles of Correct Dress"; also the History Study of Costume. Prerequisite, H. E. 15ac.

Recitation and Laboratory, four hours a week.

W., Th., 8:00-10:00.

Home Economics 34c. Special Methods. This course

includes six weeks study in methods of teaching Domestic Science and six weeks in methods of teaching Domestic Art. Practice teaching accompanies the classroom work. Required of all seeking degrees. Two hours a week.

W., Th., 8:00. Two hours credit.

Home Economics 32ab. Problems in Food Preparation and Nutrition. Lecture and Laboratory. Study of assimilation and use of food. Problems in institutional management. The equipment, maintenance and budgeting of institutions. Prerequisites, H. E. 11abc., Chemistry 11abc.

Lecture, two hours a week; Laboratory, two hours a week.

T., F., 8:00-10:00. Three hours credit.

Home Economics 32c. Textiles. A study of the textile fibres and fabrics of interest to the household; their character, cost, durability, adulteration.

Lecture and recitation, two hours a week.

T., F., 8:00-10:00. Two hours credit.

Home Economics 51a. Art Embroidery. This course includes practice in various kinds of embroidery used on clothing or in the household.

Four hours laboratory a week. Two hours credit.

W., F., 8:00.

DEPARTMENT OF HOMILETICS

Professor Miller

Homiletics 51. Theory and Practice of Preaching. A careful study of the principles which underlie the preparation and delivery of sermons.

T., W., F., 1:30. Three hours credit.

Homiletics 51a. Preparation and Delivery of Sermons. Broadus's text will be studied with other related materials.

T., W., F., 1:30. Three hours credit.

Homiletics 51b. Sermons and Sermonizing. Specimen sermons of the church's greatest preachers will be studied to discover their excellences and defects in the light of present day gospel preaching. Original sermons and sermon outlines will be prepared for discussion and criticism.

T., W., F., 1:30. Three hours credit.

Pastoral Care 52a. The Preacher as Pastor. The general work of the Christian minister in his relations both to the public and to the congregation with its varied agencies will be considered. The Text used will be *The Christian Pastor* by Gladden. This will be supplemented by other readings and lectures.

T., W., F., 1:30. Three hours credit.

DEPARTMENT OF LATIN

Professor Perry

Latin 11abc. Cicero and Latin Composition. Work in composition one day each week.

Prerequisite, two years of preparatory Latin.

T., W., F., 11:30. Three hours credit.

Latin 12abc. After three years devoted to the acquisition of the language, the study of Virgil will be approached with a literary as well as a linguistic purpose. Ability to read the hexameter is expected of all who com-

plete this course.

Prerequisite, Latin 11.

T., Th., F., 2:30. Three hours credit.

Latin 21a. DeAmicitia and De Senectute.

Prerequisite, Latin 12.

T., Th., S., 8:00. Three hours credit.

Latin 21b. Tacitus. Germania and Agricola.

Prerequisite, Latin 12.

T., Th., S., 8:00. Three hours credit.

Latin 21c. Plautius: Menaechmi. Terence: Phormio.

Prerequisite, Latin 12.

T., Th., S., 8:00. Three hours credit.

Latin 31a. Letters of Cicero. A large number of letters will be read showing Cicero's tastes and relations to his personal and literary friends.

Prerequisite, Latin 12.

T., Th., S., 8:00. Three hours credit.

Latin 31b. Odes and Epodes of Horace.

Prerequisite, Latin 12.

T., Th., S., 8:00. Three hours credit.

Latin 31c. Livy. The larger portion of Book XXI and XXII will be read with particular attention to Livy's qualities as an historian.

Prerequisite, Latin 12.

T., Th., S., 8:00. Three hours credit.

Latin 21 and 31 are given in alternate years.

Latin 32abc. Roman Private Life.

W., 8:00. One hour credit.

Latin 51a. Roman Satire. Readings — Development of the Roman Satire.

Prerequisite, Latin 21 or 31.

T., Th., S., 9:00. Three hours credit.

Latin 51b. A study of the Conspiracy of Cataline from the original sources.

Prerequisite, Latin 21 or 31.

T., Th., S., 9:00. Three hours credit.

Latin 51abc. Roman Literature. This course will consist of a general survey of Roman literature with selections from many Latin authors.

Prerequisite, Latin 21 or 31.

T., Th., S., 9:00. Three hours credit.

Latin 52abc. Latin Composition. Advanced course. Designated for students who expect to teach Latin.

Prerequisite, Latin 21 or 31.

F., 9:00. One hour credit.

LIBRARY COURSES

Miss Starbuck

11a. The course in library science is intended both to train the student to use the college library intelligently, and to make her familiar with the elementary principles of library science in general. Practice is given in the use of the dictionary catalog, and in elementary classification, cataloging, shelf listing, reference work and work with periodicals. During the latter part of the course the student spends most of her practice time at the desk, thus becoming familiar with the practical as well as the theoretical part of library work. Offered each term. Five hours practice, one hour lecture, three hours credit.

12a. A course in the use of the library is offered for those who do not wish to give the time required for practice work in the Library 11a. This course is intended to train the students to know and utilize the resources of the college library without attempting to teach them more than the most elementary principles of library science. It consists principally in training in the use of the dictionary catalog, in finding books on the shelves by the Dewey

classification, and in the use of some of the most important reference books. Two hours a week, lecture and practice work combined. Credit, one hour.

DEPARTMENT OF MATHEMATICS

Professor Cramblet

Mathematics 11abc. Freshman Mathematics. This course includes the topics usually studied in Plane Trigonometry, College Algebra and Analytical Geometry.

Prerequisite, two and one-half units of preparatory mathematics.

Tues., Thur., Sat., at 11:30. Three hours credit per term.

Mathematics 12a. Mechanical Drawing. Geometric problems, conic sections, orthographic, isometric and oblique projection surfaces and spirals.

Prerequisite, same as for Course 11.

Tues., Wed., Thur., Fri., at 1:30, and four hours additional. Four hours credit.

Mathematics 12bc. Surveying. Compass and transit surveying, leveling, topographical work and map making. The department is well equipped to give adequate work in this course.

Prerequisite, 11a and 12a.

Recitation Tues., Fri., at 1:30. Saturdays or Mondays must be reserved for field work. Four hours credit.

Mathematics 13a. Analytical Geometry. A study of the properties of conics. Higher plane curves. Geometric transformations. Open to students presenting one and one-half years of algebra, plane geometry, and trigonometry for entrance.

T., W., Th., F., S., 8:00. Five hours credit.

Mathematics 13bc. Calculus. Differential and Integral Calculus with numerous applications from geometry me-

chanics and engineering. Maxima, minima, rates, curvature, area, volume, inertia, etc.

T., W., Th., F., S., 8:00. Five hours credit each term.

Mathematics 15abc. Algebra and Solid Geometry. Required of students taking course 11 who offer only two units for entrance. May be required of others.

W. and F. at 11:30. Two hours credit per term.

Mathematics 31abc. Differential and Integral Calculus. With numerous applications to the tracing of curves and the solution of problems from geometry and mechanics.

Prerequisite, Course 11.

T., Th., S., at 9:00. Three hours credit each term.

Mathematics 51abc. Mechanics. Treating the ordinary topics in statics and kinetics.

Prerequisite, Course 13 or 31.

Th., T., F., at 10:30. Three hours credit each term.

Mathematics 52abc. Advanced Calculus.

Prerequisite, Course 31abc.

Time to be arranged. Three hours credit per term.

Mathematics 72a. The Foundations of Algebra. Certain considerations in the theory of numbers and the theory of equations.

Hours to be arranged. Three hours credit.

Mathematics 72b. The Foundations of Geometry. A study of axioms and the conditions of necessary and sufficient proof.

Hours to be arranged. Three hours credit.

Mathematics 72c. The Pedagogy of Secondary Mathematics.

Hours to be arranged. Three hours credit.

DEPARTMENT OF MODERN LANGUAGES**Professor Lippelt****Miss Butzer****French**

French 11abc. Work begun by conversation and phonetics. Thorough drill in fundamentals of French grammar given throughout the year. Short stories and a book about France are read.

T., W., Th., F., 8:00, Section 1; T., W., Th., F., 1:30, Section 2. (No credit given for less than a year's work.)

French 31abc. Review of grammar followed by composition throughout the year. Modern French stories and plays are read. Practice in conversation.

Prerequisite, French 11.

T., Th., F., 1:30. Three hours credit.

French 51a. Literature of the first half of the 19th century. (Not offered in 1920-1921.)

Prerequisite, French 31.

French 51b. Literature of the second half of the 19th century.

French 51c. Contemporary French drama. Three hours credit.

French 61ab. Literature of the 17th century.

Prerequisite, French 31.

W., Th., S., 10:30.

French 61c. Literature of the 18th century.

W., Th., S., 10:30. Three hours credit.

In courses 51 and 61 the work is conducted mainly in French. Outside readings and reports are required.

Spanish

Spanish 11abc. A thorough study of the fundamentals of Spanish grammar. Reading of Spanish short stories and plays. Practice in conversation. Some book descriptive of Spanish-American countries.

T., W., Th., S., 10:30. Four hours credit.

Spanish 31abc. Grammar review followed by composition throughout the year. Reading of texts like Alarcon's "El La familia de Alvereda", Valdes' "Jose", etc.

Prerequisite, Spanish 11.

W., F., S., 9:00. Three hours credit.

Spanish 51abc. Studies in modern Spanish literature, reading of authors like Hartzenbusch, Galoos, Echegray, Benavente, Valdes, Valera, etc. Outside readings and reports. Conversational practice continued. Three hours credit.

German

German 12abc. Beginning German. Drill in grammar and conversation. Reading of short stories and plays. The work will cover the work ordinarily taken in two years in high schools. No credit given for less than a year's work.

T., W., Th., F., 11:30. Four hours credit.

German 13abc. Further drill in grammar and conversation. Composition. Studies in Modern German Literature; Keller, Heyse, Lidwig, Grillparzer, etc.

Prerequisite, two years of high school German.

Three hours credit.

German 32abc. Study of representative works of Schiller, Lessing, Heine, etc.

Prerequisite, German 11 or 13.

W., F., S., 8:00. Three hours credit.

German 52abc. Study of Goethe, Hebbel, Sudermann, Hauptmann, etc.

Prerequisite, German 11 or 13.

Three hours credit.

32 and 52 alternate. In both courses German should be the main language of the classroom. Outside readings and reports are required.

DEPARTMENT OF NEW TESTAMENT

Professor Carpenter

COURSES IN ENGLISH

New Testament 11. A full year is given to the study of the Four Gospels. The aim of the course is (1) to secure familiarity with the English text of the four books Matthew, Mark, Luke and John, and (2) to present a sane interpretation of their religious message. The text used is "A Harmony of the Gospels" by Stevens and Burton.

New Testament 11a. Life of Christ. The study of the Four Gospels from the Birth of Jesus to His Second Rejection at Nazareth.—Sec. 1 to Sec. 61, inclusive, in the text.
T., W., Th., F., 10:30. Four hours credit.

New Testament 11b. Life of Christ. Continuation of New Testament 11a, from the Second Rejection at Nazareth to the Anointing of Jesus by Mary at Bethany.—Sec. 62 to Sec. 118, inclusive, in the text.

T., W., Th., F., 10:30. Four hours credit.

New Testament 11c. Life of Christ. Continuation of New Testament 11b, from the Anointing by Mary of Bethany to the Ascension of Jesus.—Sec. 119 to Sec. 151 in the text.
T., W., Th., F., 10:30. Four hours credit.

New Testament 31. The historical study of The Acts and Epistles, with special attention given to securing a ready command of the English text. The religious message and doctrinal teachings are carefully noted. The text

used is Burton's Records and Letters of the Apostolic Age.

New Testament 31a. The Acts and Epistles. The study of The Acts from the Ascension of Jesus in Chapter 1 to Paul's Missionary Journey—Acts 18:23, with the Epistles James, I and II Thessalonians and Gallatians.

T., Th., F., S., 8:00. Four hours credit.

New Testament 31b. The Acts and Epistles. Continuation of New Testament 31a, covering the rest of The Acts from Paul's Third Missionary Journey—Act 18:23 to his imprisonment in Rome, Acts 28:31, and the Epistles I and II Corinthians, Romans, Philippians, and Philemon.

T., Th., F., S., 8:00. Four hours credit.

New Testament 31c. The Acts and Epistles. Continuation of New Testament 31b, covering the remaining books of the New Testament, Colossians, Ephesians, I and II Timothy, Titus, I and II Peter, Hebrews, Jude, I, II and III John, and Revelation.

T., Th., F., S., 8:00. Four hours credit.

General Bible 21. A general course covering the Old and New Testaments. For non-ministerial students. Ministerial students taking this course will not receive credit toward their degree. Non-ministerial students may elect a year in English Bible—if they have conflict—in either the Old or New Testament.)

General Bible 21a. An outline of Old Testament History with readings in the Old Testament Books.

W., Th., S., 11:30. Three hours credit.

Professor Calhoun.

W., Th., S., 11:30. Three hours credit.

General Bible 21b. The Life of Jesus as found in the Synoptic Gospels. The readings will be in Matthew, Mark, and Luke.

Professor Carpenter.

General Bible 21c. The Growth of the New Testament Church with special reference to the labors of the Apostle Paul. Readings will be in the Acts and Epistles.

W., Th., S., 11:30. Three hours credit.

Professor Carpenter.

DEPARTMENT OF BIBLICAL DOCTRINE

Professor Carpenter

Scheme of Redemption 51. A course covering the origin, development and consummation of God's effort to save the world through the Christ of the Gospels. The Biblical teaching on the subject of human salvation will be classified and studied with a view to being used in the work of preaching.

Scheme of Redemption 51a. Milligan's Scheme of Redemption and other doctrinal books will be studied with lectures and a constant use of the Bible.

T., W., F., 9:00. Three hours credit.

Scheme of Redemption 51b. Continuation of 51a.

T., W., F., 9:00. Three hours credit.

Biblical Doctrine 52c. Introduction. A brief study of some of the prominent doctrines of the Bible will be made. The text used will be Outlines of Christian Theology by Clarke.

T., W., F., 9:00. Three hours credit.

Biblical Doctrine 101. A study of the great doctrines of the Old and New Testaments. These doctrines will be considered in the various phases through which they pass in their development during the Biblical dispensations. The class will read prominent Christian writers on Biblical doctrine and test their works with the plain scriptural teaching. Graduate course. (Not offered 1920-1921.)

Biblical Doctrine 101a. Doctrine of God, of Man, of Sin, of Reconciliation.

W., Th., F., 2:30. Three hours credit.

Biblical Doctrine 101b. A continuation of 101a. Doctrine of the Messiah, of the Holy Spirit, of Divine Providence, of Rewards and Punishments, of Immortality.

W., Th., F., 2:30. Three hours credit.

Biblical Doctrine 101c. A continuation of 101b. Doctrine of the Forgiveness of Sins, of the Kingdom of God, of Prayer, of the Last Things, of Inspiration.

W., Th., F., 2:30. Three hours credit.

DEPARTMENT OF OLD TESTAMENT

Professor Calhoun

COURSES IN ENGLISH BIBLE

Old Testament 11. This course presents the student an opportunity to gain a thorough knowledge of what the English Bible has to say concerning the history of the world in general and of the people descended from Abraham until the establishment of the Hebrew Kingdom. The Bible narrative will be supplemented by other parallel accounts as far as these are known.

Old Testament 11a. History from the Creation to the Exodus.

T., W., Th., S., 10:30. Four hours credit.

Old Testament 11b. The history between the Exodus and the Settlement in Canaan.

T., W., Th., S., 10:30. Four hours credit.

Old Testament 11c. The history from the Settlement in Canaan to the end of the period of the Judges.

T., W., Th., S., 10:30. Four hours credit.

Old Testament 12. This course traces the history

from the establishment of the Kingdom under Saul to the end of the history as contained in the Protestant English Bible. The prophets of Israel are placed historically and the setting of each one's message is considered. This course alternates with Old Testament 11, the two comprehending a complete course in Old Testament history. Not offered 1920-1921.

Old Testament 12a. The history of the Kingdom under Saul and David.

T., W., Th., S., 10:30. Four hours credit.

Old Testament 12b. The history from Solomon to the fall of the Kingdom under Zedekiah.

T., W., Th., S., 10:30. Four hours credit.

Old Testament 12c. The history of Captive Israel from the time of Daniel to that of Nehemiah.

T., W., Th., S., 10:30. Four hours credit.

Old Testament Concomitata 13. This course is intended to cover all those subjects which, while not in the Old Testament, should accompany it, furnishing a proper background for all other Old Testament Courses.

Old Testament 13a. Old Testament Geography.

T., Th., 8:00. Two hours credit.

Old Testament Geography is studied including a complete survey of all the lands and countries mentioned in the Old Testament, with special attention to Palestine. The text book is Hurlburt's Biblical Geography, with McGarvey's Lands of the Bible, and Kent's Biblical Geography and History as reference books.

Old Testament 13b. Contemporaneous History. The history contemporaneous to the Old Testament is studied, beginning with Hammurabi's Kingdom, and including Egypt, Syria, Assyria, Babylonia and Persia.

T., Th., 8:00. Two hours credit.

Old Testament 13c. Intermediate History. A study of the History of Israel between the Old Testament and the New is made. Special attention is given to the Old Testament apocrypha and parties existing when the New Testament opens. The history of the nations is also studied. T., Th., 8:00. Two hours credit.

Old Testament 51. Old Testament Literature. This course is devoted to a study of the different types of literature found in the Bible.

Old Testament 51a. Legal Literature. There is given an exhaustive study of the Law of Moses. Its laws are arranged in the nine groups in which they were originally given, and each group is studied in its original setting. The laws are also divided into the civil and religious codes and these are compared with the code of Hammurabi and with our present day laws.

W., F., 8:00. Two hours credit.

Old Testament 51b. Poetical Literature. The poetry of the Old Testament is studied with special emphasis upon the Psalms and upon the Wisdom Literature.

W., F., 8:00. Two hours credit.

Old Testament 51c. Prophetic Literature. Old Testament Prophecy is studied. Its peculiarities and purposes are developed and the more prophetic messages are considered. Special attention is given to Isaiah, Daniel and the Twelve Minor Prophets.

W., F., 8:00. Two hours credit.

DEPARTMENT OF BIBLICAL CRITICISM

Professor Calhoun

Old Testament 102. Old Testament Introduction.

102a. The Old Testament Canon. This course covers the more important Textual and Historical criticism per-

taining to the Old Testament Books. The conservative and destructive views are both presented and the argument of both sides for and against the 39 books of the Protestant Old Testament are considered in detail.

W., S., 9:00. Two hours credit.

Old Testament 102b. The Principles of Criticism. A careful study of the principles of Biblical Criticism both textual and historic is made, and a comprehensive syllabus of these principles is presented. There are numerous lectures and there is much prescribed reading.

W., S., 9:00. Two hours credit.

Old Testament 102c. The Practice of Criticism. A general application of these principles to different Old Testament books is made, while authorship of Deuteronomy is considered in detail, as is also that of Isaiah and Daniel.

W., S., 9:00. Two hours credit.

New Testament 71. This course affords an opportunity to the student to acquaint himself quite thoroughly with the principles, history and problems of New Testament criticism.

New Testament Introduction 71a. The Principles of Literary Criticism. There will be presented quite a complete syllabus of the principles of literary criticism. Lectures and much assigned reading.

T., Th., 9:00. Two hours credit.

New Testament 71b. The History of New Testament Criticism. This term's work gives a complete account of the rise and development of literary criticism as applied to the New Testament. Lectures and much assigned reading.

T., Th., 9:00. Two hours credit.

New Testament Criticism 71c. The Problems of New Testament Criticism. The work of this term is devoted to a discussion of the more important problems of New Testament criticism. Lectures and much assigned reading.

T., Th., 9:00. Two hours credit.

COURSES IN HEBREW

Old Testament 81abc. The Hebrew Language. This course is intended to give the student such a knowledge of Hebrew as to enable him to prosecute its further study without the aid of a teacher should he so desire. Written translations of Hebrew into English and of English into Hebrew are required throughout the year, and the thorough analysis of all fundamental forms is required.

T., W., Th., F., 1:30-3:30. Four hours credit.

Old Testament 111. Hebrew Literature. Covers as fully as possible the different types of literature in the Hebrew Bible, together with a most careful review of the fundamental principles of the language. Much attention is given to the acquirement of a good vocabulary. A knowledge of the laws for the analysis and combination of all current forms is insisted upon.

Old Testament 111a. Selections from historical books are read. W., S., 9:00. Two hours credit.

Old Testament 111b. Selections from Poetical books are read. W., S., 9:00. Two hours credit.

Old Testament 111c. Selections from Prophetic books are read. W., S., 9:00. Two hours credit.

DEPARTMENT OF PUBLIC SPEAKING**Professor Calhoun**

Public Speaking 31a. The fundamental principles of expression. The correct methods of thought, feeling and will as these processes are related to expression. The principles governing correct tones, words, facial expression and gesture. Practice to illustrate these principles.

T., F., 11:30. Two hours credit.

Public Speaking 31b. The practice of the foregoing principles as applied to general exercises in expression.

T., W., F., 11:30. Three hours credit.

Public Speaking 31c. The practice of **special** forms of literature.

T., W., F., 11:30. Three hours credit.

Public Speaking 32. Elective. Open to such students only as have had 31abc or its equivalent.

Public Speaking 32a. The principles governing the correct classification of literary productions. The principles of art criticism as applied to expression. Practice in the application of these principles.

T., Th., 1:30. Two hours credit.

Public Speaking 32b. The practice of dramatic literature.

T., Th., 1:30. Two hours credit.

Public Speaking 32c. The study and practice of discussion and debate.

T., Th., 1:30. Two hours credit.

Public Speaking 33a. The practice of Scripture Reading.

W., F., 1:30. Two hours credit.

Public Speaking 33b. The study of Hymnology and the practice of Hymn Reading.

W., F., 1:30. Two hours credit.

Public Speaking 33c. The Delivery of Sermons.

W., F., 1:30. Two hours credit.

DEPARTMENT OF PHILOSOPHY

Professor Leitch

Philosophy 33a. Introduction to Psychology. The structure and function relation will be emphasized at all times.

T., W., Th., S., 10:30. Four hours credit.

Philosophy 33b. Logic. A study of the laws and methods of correct thinking.

T., W., Th., S., 10:30. Four hours credit.

Philosophy 33c. Ethics. A study of moral conduct on the various levels.

T., W., Th., S., 10:30. Four hours credit.

Philosophy 51a. Advanced Psychology. The general theories of mental activity. Consciousness is treated as purposive in its experiences.

T., F., S., 9:00. Three hours credit.

Philosophy 51b. Experimental Psychology. Some of the simpler experiments on sensation, space and visual perception, memory, fatigue, etc. Students must put in two laboratory periods each week in addition to regular hours of recitation.

T., F., S., 9:00. Three hours credit.

Philosophy 51c. Applied Psychology. Attention will be given to various problems in applied psychology. The subjects studied will be selected in consultation with the student who elects this course.

T., F., S., 9:00. Three hours credit.

Philosophy 53a. Ancient and Mediaeval Philosophy. A study of Greek, Roman and mediaeval philosophical systems with special attention to those theories that have persisted in philosophy.

T., W., F., S., 8:00. Four hours credit.

Philosophy 53b. Modern Philosophy. From Descartes to Hegel. Special attention will be paid to Kant and the effect of his philosophy upon German life and ideals.

T., W., F., S., 8:00. Four hours credit.

Philosophy 53c. Contemporary Philosophy. Special study will be made of modern philosophical theories. The

theories studied will be determined by the interests of the class.

T., W., F., S., 8:00. Four hours credit.

Philosophy 73a. Aesthetics.

Hours to be arranged. Three hours credit.

Philosophy 73b. Locke.

Hours to be arranged. Three hours credit.

Philosophy 73c. Kant.

Hours to be arranged. Three hours credit.

Philosophy 74a. History of Religion. A study of the formation and development of non-Christian religions under various conditions. Certain modern theories will be studied and criticised.

T., Th., F., 1:30. Three hours credit.

Philosophy 74b. Psychology of Religion. The religious instinct, its development and manifestations: the place of form and ritual in religion: mysticism: the social aspect of the religious tendency.

T., Th., F., 1:30. Three hours credit.

Philosophy 74c. Philosophy of Religion. Religion and its influence upon other types of experience. A study of its place in the thought processes. An effort will be made to lay the basis for continued development along religious lines.

T., Th., S., 1:30. Three hours credit.

Philosophy 75c. Philosophy of Christian Religion. The relation between the Christian religion and the other great missionary religions. The problem of good and evil in philosophy and in the teachings of Christ. Christ and the religion he founded. The belief in his person.

W., F., 1:30. Two hours credit.

For courses in Educational Psychology see the Department of Education.

DEPARTMENT OF PHYSICAL EDUCATION

Mr. Miller
Miss Butzer

This department affords opportunity for physical training for both men and women. Experience has shown the necessity, under modern conditions, of counteracting the deleterious effects of close mental application by carefully directed exercise of the body. To meet these needs regularly organized classes in gymnasium and open air training are maintained. Individual work is encouraged. Measurements, weights, etc., will be taken and appropriate exercise for building up the weak parts will be given.

In connection with the work for men intercollegiate teams are developed and maintained in football, baseball and basketball, track and field athletics, and tennis. Each man below the rank of Junior is examined on entering school and assigned to work best suited to him. A minimum of two hours per week in gymnasium or field is required of those who are physically able. Each man may make choice of the work he is to do, provided he is adjudged able to do that work.

Men who work a full season on the football squad may be excused from work in the winter term.

Training for Coaches

During each session two classes for coaches in the game being played at that time are organized. One is for those who have never taken part in the game under consideration, and the other, an advanced class, is for those participating in the particular game.

These courses are designed for those who expect to teach. The class for beginners is especially interesting and helpful.

Along with these courses instruction in financial management, the making of schedules and in publicity as related to intercollegiate athletics is given.

Interclass contests are encouraged and held under the direct supervision of the director.

Physical training for women of the college is fostered by gymnasium classes and by interclass games and sports.

For Men

Free exercise and drills with light appliance, such as dumb-bells, wands, Indian clubs, etc.

Wall weights, graded apparatus and mat exercises.

Class work in athletic exercises such as sprinting, jumping, vaulting, hurdling, cross country running, swimming, etc.

For Women

The department of physical education for women requires three periods per week in gymnastic and athletic work. This work includes tactics, setting up exercises, games, gymnastic and folk dancing and competitive interclass games in basket ball, volley ball, and indoor loose ball. The purpose of this department is to keep the student physically fit as well as to provide recreation and relaxation. Physical training is required of all women students in normal condition. One hour credit is given.

PHYSICAL TRAINING COURSES FOR WOMEN

Miss Butzer

11abc. An elementary course in gymnasium work which includes simple practices in tactics, Swedish and corrective exercises, games, gymnastic and folk dancing. No prerequisite.

One hour credit. Recitations W., F., 9:00 or 3:30.

31abc. An advanced course in gymnasium work which will include apparatus work and the more difficult forms of exercises, games, dances, etc.

Prerequisite, Physical Training 11abc or an equivalent of one year's work.

One hour credit. Recitations W., F., 2:30.

32abc. Methods and Games. A course in Methods and Games for Public Schools, Play Grounds, etc. A course especially helpful to teachers or others dealing with children. The second and third terms' work will be given largely to practice teaching.

Prerequisite, Physical Training 11abc.

One hour credit. Recitation S., 10:00-12:00.

DEPARTMENT OF PHYSICS

Professor Williams

PHYSICS

Physics 31a. General Physics. Especially devoted to the study of Mechanics and Sound. Practical problems solved.

Prerequisites: Elementary Physics and Trigonometry. A knowledge of Chemistry helpful.

Recitations, T., Th., at 2:30; Laboratory, 2:30 to 4:30, W. and F. Four hours credit.

Physics 31b. General Physics. Heat, Magnetism and Static Electricity. A continuation of Course 31a.

Prerequisite: Course 31a.

Recitations and Laboratory as in 31a.

Four hours credit.

Physics 31c. General Physics. Electricity and Light. A continuation of Course 31b.

Prerequisite: Course 31b.

Recitation and Laboratory as in 31b.

Four hours credit.

Physics 51abc. Theoretical Physics. A purely theoretical course, devoted to the higher phases of the kinetic theory, thermodynamics, electricity, magnetism and radiation. The spring term will be given to a discussion, physical optics, diffraction and interference.

Prerequisite: General College Physics and Calculus.

Days and hours to be arranged. Three hours credit.

Physics 52abc. History of Physics. A library and lecture course dealing with the historical development of Physics.

Prerequisite: General College Physics.

Day and hour to be arranged. One hour credit.

DEPARTMENT OF RELIGIOUS EDUCATION

(Herbert Moninger Foundation of Bible School Pedagogy)

Professor Miller

Religious Education 11a. Child Psychology. A study of the physical and mental development of children. The appearance and use of instinct, the place of play, etc. The course closes with a review of certain pathological conditions that are frequently encountered.

T., Th., F., 3:30. Three hours credit.

Religious Education 11b. Educational Psychology. Practical problems of education viewed on the basis of their psychological significance. The learning process, educating the senses, memorizing, etc. The course closes with a consideration of the psychology of special subjects.

T., Th., F., 3:30. Three hours credit.

Religious Education 11c. Special Items in Religious Education. This course will aim to meet the requirements of those who have had courses 11a and 11b, but who desire to devote the remainder of the year to specific problems of moral and religious education.

Lectures, reports, and discussions.

T., Th., F., 3:30. Three hours credit.

Religious Education 31a. History of Religious Education. An historical study of the development of educational practice and theory within organized Christianity, including present movements and tendencies in religious

education. Special study is made of the Bible School from its genesis to the present time.

T., Th., 10:30. Two hours credit.

Religious Education 31b. Methods of Religious Education. A study of methods of teaching and class management, including class organization and expressional activities. Teacher training receives special attention.

T., Th., 10:30. Two hours credit.

Religious Education 31c. Materials of Religious Education. Principles underlying the selection and preparation of lesson material will be studied. A critical analysis of graded and other material at present available in religious education. Consideration will be given to the building up of a curriculum and to the correlation of Bible School and Public School programs.

T., Th., 10:30. Two hours credit.

Religious Education 51a. Theory of Religious Education. This course deals with the fundamental principles of religious education. Especial attention is given to the functions of the family, the church, and the state.

T., W., S., 8:00. Three hours credit.

Religious Education 51b. Organization of Religious Education. Principles of the organization of religious education will be studied. Educational aspects of worship, social service, and graded expressional activities will be considered. The problem of a practical organization for young people will be included in this course.

T., W., S., 8:00. Three hours credit.

Religious Education 51c. Philosophy of Religious Education. Some time is given to a study of the nature and development of religion. Facts of religious educational experience are taken up in an effort to determine their significance as they relate themselves to human life.

T., W., S., 8:00. Three hours credit.

Religious Education 71a. Psychology of Childhood.

This course is in part identical with Religious Education 11a, but is extended to include an exhaustive study of the facts of mental development throughout childhood with special reference to the problems of moral and religious education.

W., F., 10:30. Two hours credit.

Religious Education 71b. The Psychology of Adolescence. A continuation of Religious Education 71a, devoted to a comprehensive study of adolescence from the standpoint of moral and religious development.

T., W., F., 10:30. Three hours credit.

Religious Education 71c. The Psychology of Worship. This course deals with the educational aspects of worship from the genetic viewpoint, and studies the function of worship in a religious educational system.

W., F., 10:30. Two hours credit.

DEPARTMENT OF SOCIAL SCIENCE

Professor Miller

Sociology 51a. Principles of Sociology. Aims to acquaint the student with the fundamental principles of society and social development. Psychology presupposed (or taken with).

T., Th., S., 11:30. Three hours credit.

Sociology 51b. Principles of Sociology. Continuation of 51a.

T., Th., S., 11:30. Three hours credit.

Sociology 51c. Rural Sociology. A study of social, economic, and religious conditions in rural communities. The place of the rural church in a country community will receive especial attention. Constructive and remedial forces will be emphasized. Prerequisite, Sociology 51a and 51b.

T., Th., S., 11:30. Three hours credit.

Sociology 52a. The Dependent. This course presents a study of causes, with an analysis of remedial forces and preventive agencies. Includes also principles and methods of practical philanthropy. Prerequisite, Sociology 51a, 51b, 51c.

T., W., F., 9:00. Three hours credit.

Sociology 52b. The Delinquent. This course includes a study of the nature of crime, treatment of the criminal, evaluation of present remedial systems, and a careful analysis of the best corrective agencies. This course includes also a study of the Defective. Prerequisite, Sociology 51a, 51b, and 51c.

T., W., F., 9:00. Three hours credit.

Sociology 52c. The Immigrant. The course opens with a brief study of racial characteristics, followed by a careful study of our national problem of immigration. The aim is to weigh and test available information on the subject. Prerequisite, Sociology 51a, 51b, 51c.

T., W., F., 9:00. Three hours credit.

DEPARTMENT OF FINE ARTS

Bethany College offers courses in music leading to the degrees of Bachelor of Music and Master of Music and courses in Art leading to certificates.

Students are examined upon enrollment and are assigned to such classes as they are prepared to enter.

DEPARTMENT OF MUSIC

Professor Moos

Miss Bragg

Mrs. Moos

A liberal, all-embracing education having been the aim of Bethany College from its very inception, music has for years been given its proper place in its curriculum. Teachers of wide experience, with European training, pro-

gressive, up-to-date, have presided over this department, and its work has always been recognized as possessed of a breadth and thoroughness generally found only in the large art centers. Not a mere musical smattering, but a well-grounded knowledge and mastery of the art, theoretical and practical, is the aim constantly kept in view. Whether music is pursued as a mere accomplishment or with a view to future teaching, only the best is considered worth striving for.

Recognizing the intellectual and spiritual value of a complete course in the art of Music, Bethany College follows the example of other institutions at home and abroad by making the study of Musical Theory one of the elective courses of the college, and admits the same as a substitute for one of the elective studies in the regular courses, subject to the approval of the faculty. Studies in Music may be substituted for college work under the following limitations: One full year of music—Piano, Voice, Organ, Violin, Harmony and Theory—will count three hours. No credit is allowed for first year Piano, Voice or Violin. No more than twelve hours will be allowed. Claims for such credits must be accompanied by the director's certificate specifying the work done.

Students of the Music Department are required to pursue at least one study in some other department of the college.

COURSES OF STUDY

Full courses of four years are offered in Piano, Voice, Organ, and Musical Theory, leading to Diplomas with the degree of Bachelor of Music when the work is completed. For those desiring to fit themselves as teachers of the Piano, a Teachers' Course is offered.

Teachers' Certificates will be given to those completing the first three years of the collegiate course in Piano, Voice, and Organ together with the first three years of the work in Theory and the Teachers' Training Course. Diplomas of Graduation with the degree of Bachelor of Music will be awarded to those who have completed the

entire course in their major study and in Theory, have given a creditable public recital, and whose progress in their literary studies satisfies the demands made for entrance into the regular college courses as described elsewhere.

THE TEACHERS' TRAINING COURSE

A course extending over two years, with two weekly recitations, including lectures on teaching methods, observation and practice teaching, is offered to those wishing to qualify as teachers.

THE COURSE IN THEORY

This course embraces four years.

First Year — Beginning Harmony.

Second Year — Advanced Harmony.

Third Year — History of Music and Musical Analysis.

Fourth Year — Counterpoint and Fugue.

The work of the third year may be taken during the second year.

FEES

Piano and Organ, two lessons a week, with the director.....	\$25.00
Piano and Organ, one lesson a week, with the director.....	13.00
Piano, two lessons a week, with assistant.....	20.00
Piano, one lesson a week, with assistant.....	11.00
Voice, two lessons a week.....	20.00
Voice, one lesson a week.....	11.00

All lessons are private and of thirty minutes duration, and the duration of each term is about 12 weeks.

Harmony, Musical Analysis, Musical History, Counterpoint, Fugue and the Teachers' Training Course are taught in classes meeting twice a week. The tuition for each branch is \$8.00 per term.

Pianos for practicing purposes may be rented at the

college at the rate of \$2.00 for the term, one hour each day; two hours each day, \$4.00, etc. Organ practice, one hour each day, per term, \$10.00.

DEPARTMENT OF ART

Miss Bragg

A complete art course is offered in Bethany College, which, as developing the instinct for the aesthetic, gives one the practical side, which is necessary to have.

Work along the following lines can be pursued.

DESIGN AND COMPOSITION

This course is designed to develop appreciation of harmony of line, space and color. It brings into play the creative imagination and establishes a basis for critical judgment along all art lines.

Nature motives are used. Problems in color and line, as applied to decoration, are worked out in linen, etc.

This course offers training, in form, and the study of neutral values, and light and shade as related to color.

Opportunity is given for outdoor sketching and study from life.

PUBLIC SCHOOL DRAWING

A course is offered for all who wish to make use of art in the Public Schools. Work is planned for each grade in the schools for each month.

In the above course the following mediums are used: Water color, charcoal, india ink, oils, pencil.

PRIVATE ART

This course is given for those who wish to pursue their art study along special lines. Work may be taken up in studies from life made in charcoal, pen and ink, pencil and oil. Special course in design and china paint-

ing. Still life in oils, charcoal and water color; also outdoor sketching.

CHINA

In connection with the Design course opportunity is given for work in china painting. This work can be taken separately, but it is advisable to take it in connection with the Design course.

TUITION

STILL LIFE IN COMPOSITION

Tuition—Eight hours per week, per term.....\$12.00
Four hours per week..... 6.00

Not more than twelve hours college credit will be allowed for work done in this department. Two hours work will count for one hour of credit.

Education 15abc. Normal Music. This course includes Theory, Ear-training, Sight-singing and Methods. Work in this department is for the purpose of enabling students to teach public school music in the grades and high school. Practice teaching is required during the last term of the school year. Students are given preparation for conducting chorus work.

TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Chemistry 11 abc Education 36 abc Education 13 abc Home Economics 33 abc Agriculture 32 abc Agriculture 54 abc Church History 71 abc History 33 abc Latin 21 abc Mathematics 12 abc French 11 abc—(1) New Testament 31 abc Old Testament 13 abc Philosophy 53 abc Home Economics 32 abc	Biology 36 abc—Lab. Biology 31 abc—Lab. Chemistry 11 abc Education 11 abc Education 31 abc Home Economics 51 a Agriculture 32 abc History 33 abc Church History 71 abc Latin 32 abc Mathematics 13 abc French 11 abc—(1) German 32 abc Old Testament 51 abc Religious Education 51 abc Home Economics 34 abc	Chemistry 11 abc Education 36 abc Education 13 abc Home Economics 33 abc Agriculture 32 abc—Lab. Agriculture 54 abc—Lab. History 33 abc Latin 21 abc Mathematics 13 abc French 11 abc—(1) New Testament 31 abc Old Testament 13 abc Home Economics 34 abc	Biology 36 abc—Lab. Biology 31 abc—Lab. Chemistry 11 abc—Lab. Education 11 abc Education 31 abc Home Economics 51 a Agriculture 32 abc Agriculture 54 abc—Lab. Church History 71 abc History 33 abc Mathematics 13 abc French 11 abc—(1) German 32 abc New Testament 31 abc Old Testament 51 abc Philosophy 53 abc Religious Education 51 abc Home Economics 32 abc	Education 36 abc Education 13 abc Home Economics abc Agriculture 52 abc—Lab. Latin 21 abc Mathematics 13 abc German 32 abc New Testament 31 abc Philosophy 53 abc Religious Education 51 abc
Biology 36 abc Biology 31 abc Education 52 abc English 11 abc—(1) English 32 abc Greek 51 abc Agriculture 53 abc Agriculture 52 abc Church History 51 abc Latin 51 abc Mathematics 31 abc Scheme. of Red. 51 abc Old Testament 71 abc Philosophy 51 abc Social Science 52 abc Home Economics 32 abc	Chemistry 11 abc Biology 36 abc Biology 31 abc English 32 abc Greek 51 abc Agriculture 53 abc Agriculture 52 abc Church History 51 abc Spanish 31 abc Scheme of Redempt'n 51 abc Old Testament 11 abc Social Science 52 abc Home Economics 34 abc	Biology 36 abc—Lec. Biology 31 abc—Lec. Education 52 abc English 11 abc—(1) Greek 51 abc Agriculture 32 abc—Lab. Agriculture 54 abc—Lab. Latin 51 abc Mathematics 31 abc Old Testament 71 abc Home Economics 34 abc	Chemistry 11 abc Biology 36 abc Biology 31 abc Education 52 abc English 32 abc Agriculture 54 abc—Lab. Agriculture 52 abc Latin 52 abc Spanish 31 abc Scheme of Redempt'n 51 abc Philosophy 51 abc Social Science 52 abc Home Economics 32 abc	English 11 abc—(1) English 32 abc Greek 51 abc Agriculture 52 abc—Lab. Church History 51 abc Latin 51 abc Mathematics 31 abc Spanish 31 abc Old Testament 111 abc Philosophy 51 abc
Geology 41 abc Chemistry 31 abc—Lab. Chemistry 34 abc—Lab. Education 51 abc English 11 abc—(2) Agriculture 31 abc Political Sci. 72 a Economics 52 bc Mathematics 52 abc Spanish 11 abc New Testament 11 abc Old Testament 11 abc Philosophy 33 abc	Geology 41 abc Chemistry 33 abc—Lab. Chemistry 52 abc—Lab. Agriculture 31 abc—Lab. Education 51 abc Home Economics 11 abc Mathematics 52 abc Spanish 11 abc French 61 abc New Testament 11 abc Old Testament 11 abc Religious Education 31 abc English 11 abc—(2)	Geology 41 abc Chemistry 31 abc—Lab. Chemistry 34 abc Home Economics 11 abc Agriculture 31 abc Mathematics 52 abc Spanish 11 abc French 61 abc New Testament 11 abc Old Testament 11 abc Religious Education 31 abc English 11 abc—(2)	Geology 41 abc Chemistry 33 abc—Lab. Chemistry 52 abc—Lab. Agriculture 31 abc—Lab. Education 51 abc Home Economics 11 abc Agriculture 31 abc—Lab. Political Science 72 a Economics 52 bc Mathematics 52 abc New Testament 11 abc Religious Education 71 abc	Geology 41 abc English 11 abc—(2) Agriculture 11 abc Spanish 11 abc French 61 abc Old Testament 11 abc Philosophy 33 abc Education 18 abc

TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Chemistry 31 abc—Lab. Chemistry 34 abc Chemistry 52 abc—Lec. English 53 abc Greek 81 abc Home Economics 11 abc Agriculture 11 abc Latin abc Mathematics 11 abc German 11 abc General Bible 21 abc Public Speaking 31 abc Social Science 52 abc	Chemistry 33 abc—Lab. Chemistry 31 abc—Lab. Chemistry 52 abc—Lab. English 53 abc Greek 81 abc Home Economics 15 abc Agriculture 31 abc Agriculture 11 abc History 32 abc Latin 11 abc Mathematics 15 abc German 11 abc Public Speaking 31 abc Philosophy 75 c	Chemistry 33 abc Chemistry 31 abc—Lab. Chemistry 34 abc Home Economics 11 abc Agriculture 11 abc History 52 abc Mathematics 11 abc German 11 abc General Bible 21 abc Social Science 52 abc	Chemistry 33 abc—Lab. Chemistry 52 abc—Lab. English 53 abc Greek 81 abc Home Economics 11 abc Agriculture 31 abc—Lab. Latin 11 abc Mathematics 15 abc German 11 abc Public Speaking 31 abc Philosophy 75 c	Agriculture 31 abc—Lab. History 32 abc Mathematics 11 abc General Bible 21 abc Social Science 52 abc
Biology 11 abc Greek 41 abc History 35 abc Mathematics 12 abc French 31 abc Homil. 51 abc Old Testament 81 abc Philosophy 74 abc French 11 abc—(2) Home Economics 13 abc	Biology 11 abc—Lab. Greek 41 abc Agriculture 33 abc—Lab. History 51 abc Mathematics 12 abc Homil. 51 abc Old Testament 81 abc Home Economics 16 abc French 11 abc—(2)	Biology 11 abc Greek 41 abc Mathematics 12 abc French 31 abc Old Testament 81 abc Philosophy 72 abc Home Economics 16 abc French 11 abc—(2) History 55 abc	Biology 11 abc—Lab. Greek 41 abc History 51 abc Mathematics 12 abc French 31 abc Homiletics 51 abc Old Testament 81 abc Philosophy 74 abc French 11 abc—(2)	
English 11 abc—(3) English 72 abc Greek 11 abc Agriculture 33 abc Agriculture 51 abc Latin 12 abc Old Testament 81 abc Home Economics 13 abc Physics 31 abc	Biology 11 abc—Lab. English 11 abc—(3) English 72 abc Greek 11 abc Agriculture 33 abc—Lab. Old Testament 81 abc Agriculture 51 abc Physics 31 abc—Lab. Home Economics 16 abc	English 72 abc c Agriculture 33 abc Agriculture 51 abc Latin 12 abc Old Testament 81 abc Home Economics 16 abc Physics 31 abc	Home Economics 13 abc Biology 11 abc—Lab. English 11 abc—(3) Greek 11 abc Agriculture 33 abc—Lab. Agriculture 51 abc. Latin 12 abc Old Testament 81 abc Physics 31 abc—Lab. Home Economics 13 abc	MONDAY LABORATORY Biology 11 abc...8:00-12:00 Chemistry 11 abc...8:00-12:00 Chemistry 31 a...8:00-12:00 Agriculture 53 abc.8:00-10:00
Education 11 c Greek 11 abc Religious Education 11 abc	Physics 31 abc—Lab. Greek 11 abc	Religious Edu. 11 abc Greek 11 abc Education 11 c	Physics 31 abc—Lab. Education 11 c Greek 11 abc Religious Education 11 abc	

SUMMER SCHOOL

The Seventeenth Annual Summer School of Bethany College will be held from June 20th to July 30th.

THE PLACE OF THE SUMMER SCHOOL IN THE EDUCATIONAL WORLD

The Summer School is comparatively a recent innovation in the educational world. Its growth since its inception in the colleges and universities of the country has been quite remarkable. This is so because it meets the needs of the times. This is a strenuous age. Competition everywhere is fiercer than ever before. The fittest survive; hence the importance of grasping every opportunity for self-improvement. Teachers in public schools, by taking advantage of the Summer School, prepare themselves for advanced positions not only of enlarged remuneration, but also of more efficient and more honorable service. Students pursuing regular college courses may save much time by taking advantage of the Summer School. High School pupils and others who have not been quite able to make good in their prescribed studies may by attending Summer School regain lost ground.

THE FACULTY

The Faculty of the Summer School will include several members of the Bethany and other college faculties. The work will be thorough and every effort will be made to equal the highest college requirements.

PURPOSES OF THE SUMMER SCHOOL

1. To offer teachers and those preparing to teach opportunity for larger service in their chosen profession.
2. To offer students of all colleges, and especially Bethany, work that may be credited upon the regular college course.

3. To provide courses of study adapted to the needs of all.

The work is intensive and thorough.

CREDIT

A student in the Summer School may complete twelve term hours of college work or one unit of preparatory work. One hundred and ninety-two hours of college grade are required for any of the baccalaureate degrees. Fifteen units of preparatory work are required for college entrance.

EXPENSES

For \$50.00, paid in advance, board, room and tuition are provided to students for the six weeks of Summer School.

The tuition fees which are included in this special proposition pay for class-room work up to sixteen hours per week.

Board and rooms are furnished in the college dormitories. This special price supposes that two students occupy each room. If the student prefers to room alone, he may do so by paying \$3.00 additional for either the five weeks or six weeks term. Students preparing to teach and desiring to review for examinations may pursue as many subjects as they desire, without extra charge. Students who do not accept this special advance payment proposition will be charged only the fee for tuition. Board in Phillips Hall costs Summer School students \$4.75 per week. Room rent, in either the young ladies' or the Norman Phillips Dormitory, costs \$5.00 per term, and room in Percy B. Cochran Hall \$7.00 per term for each student in a room. Occupants of these rooms in the dormitories will provide their own linen and towels and will care for their rooms. All young ladies in attendance at the Summer Session will be expected to room at Phillips Hall unless given permission by the President to room elsewhere.

SPECIAL BULLETIN

A special bulletin of the Summer School is issued by the college. This may be obtained by addressing the Office of the President.

ROLL OF STUDENTS, 1919-1920.

Abbott, Meritt E., Tonawanda, N. Y.
Acker, Jessie E., Paducah, Ky. ffl ffl
Almeida, B. Berdailes, Havana, Cuba.
Anderson, Margaret J., Homestead, Pa.
Anderson, Harold E., Springfield, Ill.
Arnold, Helen Lois, Romney, W. Va.
Axline, Everett, Lowell, Ind.
Allen, Samuel, Bellevue, Pa.
Ash, Lillian, Anmore, W. Va.
Baker, Elizabeth, Mannington, W. Va.
Balsinger, Maude A., Uniotown, Pa.
Babout, Charline, Mt. Vernon, Ohio.
Bente, Alma, Wheeling, W. Va.
Beatty, Harold E., Detroit, Mich.
Betts, McKinley, Scio, Ohio.
Bemis, E. L., West Middletown Pa.
Bente, Elizabeth J., Wheeling, W. Va.
Bixler, Vinson, Mitchell, Ind.
Blue, Waylon, Carthage, N. C.
Blair, Walter A., Moundsville, W. Va.
Boal, C. Jan, Coshocton, Ohio.
Boone, Brace B., Jacksonville, Florida.
Boyd, Donald L., Connellsville, Pa.
Branly, Jos e M., Havana, Cuba.
Brehm, Louis W., Jr., Hooversville, Pa.
Bromley, Donald H., Hickory, Pa.
Budke, John F., Cannonsburg, Pa.
Buccieri, A. R., Italy.
Bucy, Clifford, Bethany, W. Va.
Bucy, Valeria Hoop, Bethany, W. Va.
Bullard, John C., Triadelphia, W. Va.
Budette, Ethel, Dennison, Ohio.
Calhoun, Margaret Lee, Bethany, W. Va.
Calvert, Carmen, Clarksburg, W. Va.
Callaham, Raymond C., Lynchburg, Va.
Campbell, Grace, Peoria, Ill.
Campbell, Charles A., Cortland, Ohio.
Carlisle, Floyd L., Utica, Ohio.
Carpenter, J. Walter, Jr., Bethany, W. Va.
Carpenter, Mrs. Josephine C., Bethany, W. Va.
Carpenter, Josephine, Jr., Bethany, W. Va.
Carney, Alice B., Bethany, W. Va.

Chambers, Mabel, Bethany, W. Va.
Chambers, Mont, Bethany, W. Va.
Chambers, Olive, Bethany, W. Va.
Chapman, C. N., Cameron, W. Va.
Coller, Floyd A., Bowlin Green, Ohio.
Cook, Robert, Parkersburg, W. Va.
Cooper, Marvin, Cox's Mills, W. Va.
Cooper, Millard T., Carthage, N. C.
Cox, Russell S., Follansbee, W. Va.
Crouch, Sadie E., Brilliant, Ohio.
Cundiff, Wood B., Miami, Ky.
Darsie, Leigh L., West Homestead, Pa.
Darbyshire, Miriam, McComb, Ohio.
Davis, Homer E., Waterford, Ohio.
Day, Helen, Brink Haven, Ohio.
Day, James W., Crooksville, Ohio.
Davies, J. Katherine, Pittsburgh, Pa.
Donaldson, Frank, Beverly, Ohio.
Drake, Alice M., Washington, Pa.
Dressel, Edith, Dillonvale, Ohio.
Downing, Roland P., Westerville, Ohio.
Dunn, Finis W., Braddock, Pa.
Edwards, Eliza C., Brood Ford, Pa.
Egbert, Thomas R., Bethany, W. Va.
Egbert, Mrs. Thomas R., Bethany, W. Va.
Ellis, W. R., Bethany, W. Va.
Estabrook, Walter, Shelby, Ohio.
Eubank, Sallie, Winchester, Ky.
Evans, Virginia, New Philadelphia, Ohio.
Evans, Gomer D., Steubenville, Ohio.
Farren, Nellie, Bethany, W. Va.
Fisher, George, Paterson, N. J.
Ford, Samuel J., Pittsburgh, Pa.
Ford, Reno W., Pittsburgh, Pa.
Fowler, Violette, Bethany, W. Va.
Francis, Carl, Cadiz, Ohio.
Frank, Ira S., Ephrata, Pa.
Frederick, Rose, Pittsburgh, Pa.
Ganoe, J. Howard, Point Marion, Pa.
Gardner, Esther, Grifton, N. C.
Gardner, Iva Gertrude, Grifton, N. C.
Gardner, Lovie Elizabeth, Grifton, N. C.
Gilchrist, Thelma, Brilliant, Ohio.
Gilchrist, Beula, Brilliant, Ohio.
Ginther, Emmett W., Jewett, Ohio.
Gist, Joseph Christopher, Wellsburg, W. Va.
Goettling, Charles C., Follansbee, W. Va.
Gordon, Elijah T., Venetia, Pa.

Griffith, Lottie M., Republic, Pa.
Grosshans, D. P., East Liverpool, Ohio.
Gwinn, Charles N., Meadow Creek, W. Va.
Haas, Ellen, Canton, Ohio.
Hagedorn, Helen L., Bellaire, Ohio.
Hanson, Paul, Bridgeport, Ohio.
Hanna, Milton A., Millersburg, Ohio.
Harris, George E., Canton, Ohio.
Hartz, Madaline, Peoria, Ill.
Hershberger, Don R., Wilkes-Barre, Pa.
Helfer, Fred W., Wheeling, W. Va.
Hasselquist, Victor H., Canton, Ohio.
Helfer, Walter C., Wheeling, W. Va.
Heldreth, Agnes, Bethany, W. Va.
Helme, Frank G., Buffalo, N. Y.
Henstock, Ray, Bethany, W. Va.
Henstock, Mrs. Elizabeth, Bethany, W. Va.
Helphrey, Mary E., Utica, Ohio.
Herbster, William S., Pittsburgh, Pa.
Hibler, Anna E., Crafton, Pa.
Hibler, Francis W., Crafton, Pa.
Hibler, Marian E., Crafton, Pa.
Hobbs, W. F., Chester, W. Va.
Holloway, Marie, Columbiana, Ohio.
Holman, Grant, Livingston, Tenn.
Howell, Everett, Cuyahoga Falls, Ohio.
Howes, Thomas H., Bethany, W. Va.
Hughes, Oliver W., New Philadelphia, Ohio.
Hunter, Adah Mary, Collier, W. Va.
Hunter, Mrs. Minnie, Bethany, W. Va.
Hurst, James G., Glendora, Cal.
Huss, Ida D., Waynesburg, Pa.
Hussey, Helen, Bethany, W. Va.
Hyatt, Alfred H., Connellsville, Pa.
Jacobs, C. D., Mingo Junction, Ohio.
Jacobs, Samuel W., Wellsburg, W. Va.
Johnston, Gayle, Warsaw, Ohio.
Johnston, Frances, Brilliant, Ohio.
Johnson, George C., Cadiz, Ohio.
Jones, Frank P., Banning, Pa.
Jones, Joel Lee, Hollidays' Cove, W. Va.
Kagarise, Grace M., New Enterprise, Pa.
Kendle, Ferdinand, Paden City, W. Va.
Kendle, Ernest F., Paden City, W. Va.
Lacock, Walter B., Granville, Ohio.
Laizure, Helen M., Uhrichsville, Ohio.
Latto, William T., Uhrichsville, Ohio.
Laue, Mary K., Wheeling, W. Va.
Lee, Grace A., Barberton, Ohio.

Leeming, Frank C., Homestead, Pa.
Leslie, Ruth R., Uniontown, Pa.
Levings, Fanny Parker, Romney, W. Va.
Loughhead, John M., Hamlin, Pa.
Lewis, Neil B., Clarksburg, W. Va.
Lloyd, Sheridan, Utica, Ohio.
Lumpkin, J. Roane, Baltimore, Md.
Lutz, E. Russell, Washington, D. C.
Lutz, Karl B., Washington, D. C.
Mallerd, Eugene C., Pittsburgh, Pa.
Marsh, Clarence C., Bowling Green, Ohio.
Marsh, Lawton, W., Bowling Green, Ohio.
Marshall, J. R., South Brownsville, Pa.
Mason, Wayne E., Moundsville, W. Va.
Marshall, Edmund, New Cumberland, W. Va.
Marshall, Edna, South Brownsville, Pa.
Martin, H. E., Steubenville, Ohio.
Massay, George, Carleton, Ohio.
Meacham, Cameron, Cincinnati, Ohio.
Metze, Frederic, Lowell, Ohio.
Mercer, C. LeMoyne, Dillonvale, Ohio.
Miley, Paul N., Millersburg, Ohio.
Miller, Mary Jane, Bethany, W. Va.
Miller, Nella M., Washington, Pa.
Montgomery, W. K., Wellsburg, W. Va.
Moore, Archie, Moundsville, W. Va.
Moore, Eber E., Vanceboro, N. C.
Moser, Nellie A., Wheeling, W. Va.
Munger, Dorothy, Burgettstown, Pa.
McCollam, Bertha, Uhrichsville, Ohio.
McCollam, Margaret T., Uhrichsville, Ohio.
McConnell, Bernardine, Bethany, W. Va.
McConnell, Cora M., Moundsville, W. Va.
McConnell, Eloise, Bethany, W. Va.
McConnell, Eugene, Bethany, W. Va.
McConnell, Robert, Bethany, W. Va.
McCammon, Lane, West Alexander, Pa.
McCormick, Denton, Cameron, W. Va.
McDonald, Naomi, Bethany, W. Va.
McDonald, R. G., Peterstown, W. Va.
McFadden, William, Bethany, W. Va.
McKinney, William H., Turtle Creek, Pa.
Navarro, Manuel, Buenos Aires, Argentina.
Negrin, Bernardo, Bayamin, Porto Rico.
Netting, Ruth, Bethany, W. Va.
Netting, Lois, Bethany, W. Va.
Neville, Eva Marie, Peoria, Ill.
Nutt, Charles E., Ricis Landing, Pa.
Oldaker, Arch Lavere, Bethany, W. Va.

Oldaker, Euneta, Bethany, W. Va.
Omer, Daniel Pontiac, Ill.
Osborne, Raymond W., Clendanan, W. Va.
Palmer, Cora Belle, Pittsburgh, Pa.
Palmer, U. G., Jr., Verona, Pa.
Pappas, Tryphon, Trifilias, Greece.
Patterson, John J., Mingo Junction, Ohio.
Pease, Horatio H., Minerva, Ohio.
Pendleton, Cassil, Eustis, Fla.
Perry, Beatrice, Bethany, W. Va.
Perry, Lewis E., Bethany, W. Va.
Powelson, Mabel, Blue Rock, Ohio.
Procopio, Domaneke, Bethany, W. Va.
Randolph, Harry F., Dickerson Run, Pa.
Ray, Nancy, Hickory, Pa.
Redacre, S. O., Bethany, W. Va.
Redacre, Mrs. S. O., Bethany, W. Va.
Reese, Carl R., McComb, Ohio.
Reeves, Joseph A., Bethany, W. Va.
Reger, Carl, Littleton, W. Va.
Regnemer, Alma, Mingo Junction, Ohio.
Reinhold, Ernest M., Oakmont, Pa.
Rezzonico, Arthur E., Clendanan, W. Va.
Reynolds, John B., Charleston, W. Va.
Rodgers, Clark W., Hooversville, Pa.
Richardson, Mary Louise, Sistersville, W. Va.
Roark, George W., Altavista, Va.
Roberts, S. Wlibur, Iuka, W. Va.
Roe, H. Lawrence, Dillonvale, Ohio.
Roe, Ilene, Dillonvale, Ohio.
Rogers, Alice Marie, Follansbee, W. Va.
Rogers, Paul S., West Alexander, Pa.
Roush, DeForest R., Hillsboro, Ohio.
Russell, E. D., Jr., Pine Bluff, Ark.
Russell, John, Pine Bluff, Ork.
Ryan, Mac, Bethany, W. Va.
Ryan, Margaret, Bethany, W. Va.
Schneider, Clara H., Coal Run, Ohio.
Schwinger, Elton C., Tonawanda, N. Y.
Scott, Beatrice, New Castle, Ohio.
Seely, John Wood, Waterford, Ohio.
Simmons, Leo, Dover, N. C.
Smith, Gladys Mildred, Sistersville, W. Va.
Smith, Harold C., Tonawanda, N. Y.
Spragg, Mildred V., Bellaire, Ohio.
Springer, Audre y P., Crooksville, Ohio.
Sprowl, Mildred, Uhrichsville, Ohio.
Steindorf, Margaret V., Uhrichsville, Ohio.
Stevenson, L. B., Saskatchewan, Canada.
Stinson, Irene A., McKeesport, Pa.

Stowe, Alma H., Uhrichsville, Ohio.
Strobel, H. Elwood, Cameron, W. Va.
Sutton, Paul B., Crooksville, Ohio.
Swartzwelder, Roland, Sand Patch, Pa.
Sweeney, J. Monroe, Paris, Ky.
Swope, Mary, Springfield, Ohio.
Taylor, Ammie Jean, Bethany, W. Va.
Taylor, Gladys, Bethany, W. Va.
Taylor, Ella M., Smithfield, Ohio.
Taylor, Henry M., Bethany, W. Va.
Thomas, Percy, Baltimore, Md.
Thomas, Percy W., Arnold, Pa.
Thompson, Vesta, Pittsburgh, Pa.
Tilock, Walter W., Shelby, Ohio.
Tuck, Robert S., Tonawanda, N. Y.
Turnbull, William, Paterson, N. J.
Ulrich, Evelyn, Wheeling, W. Va.
Underwood, Frances, Buffalo, N. Y.
Veiga, Angel, Havana, Cuba.
Wachtel, Sue, Big Prairie, Ohio.
Wagner, Lawrence L., Wheeling, W. Va.
Walter, Herbert E., Oakmont, Pa.
Wayman, Fred L., Belpre, Ohio.
Wells, Robert V., Moundsville, W. Va.
Watson, Charles Campbell, Norfolk, Va.
Wells, Frieda J., Bethany, W. Va.
Wells, Linley, Bethany, W. Va.
Wells, Noel, Bethany, W. Va.
Wells, Russell Thomas, Oxford, Ind.
Welsh, Glenn, Wayland, Mich.
Wheaton, Harry D., Bethany, W. Va.
Wheaton, Mrs. Harry D., Bethany, W. Va.
Wiggins, E. C., Wellsburg, W. Va.
Wilkins, Ward E., Jackson, Mich.
Wilkinson, Ethel E., Braddock, Pa.
Williams, A. R., Sandusky, Ohio.
Wilson, Albert H., Sunbury, Ohio.
Wilson, Roy S., Sunbury, Ohio.
Wilson, Helen, Brilliant, Ohio.
Wolf, Admiral D., Fairmont, W. Va.
Woods, Emily, Plymouth, Pa.
Woods, Walter F., Jr., Plymouth, Pa.
Wood, Jean H., Littleton, W. Va.
Workman, Lucile M., Bethany, W. Va.
Young, Herman F., Point Marion, Pa.
Young, Henry Everett, East Liverpool, Ohio.

BETHANY COLLEGE BULLETIN

VOL. XIV.

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No. 2.

Catalogue and Announcements 1921 and 1922



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1921 and 1922

BETHANY COLLEGE

Founded 1841

BETHANY, WEST VIRGINIA



*Published by Bethany College, Bethany, West Virginia
May, 1921*

FALL TERM, 1921

September 20—Tuesday—Fall Term Matriculation Day.
 September 20—Tuesday—Entrance Examinations.
 September 21—Wednesday—Recitations Begin.
 October 8—Saturday—Home Coming.
 November 2—Tuesday—Mid-Term Reports.
 November 24—Thursday—Thanksgiving Holiday (Three days).
 December 20-21—Tuesday and Wednesday—Fall Term Examinations.
 December 21—Wednesday—Holiday Recess Begins.

WINTER TERM, 1922

January 3—Tuesday—Matriculation Day for Winter Term.
 January 4—Wednesday—Recitation Begin.
 February 9—Thursday—Mid-Term Reports.
 February 22—Wednesday—Washington's Birthday.
 March 23-24—Friday and Saturday—Winter Term Examinations.

SPRING TERM, 1922

March 28—Tuesday—Matriculation Day for Spring Term.
 March 29—Recitations Begin.
 May 5—Thursday—Mid-Term Reports.
 June 10-12—Saturday and Monday—Spring Term Examinations.
 June 11—Sunday, 11 o'clock A.M.—Baccalaureate Sermon.
 June 13—Tuesday, 2 P.M.—Annual Meeting Board of Trustees.
 June 13—Tuesday, 2 P.M.—Class Day.
 June 14—Wednesday, 8 o'clock P.M.—Concert of Music Department.
 June 15—Thursday—Annual Commencement.

Special Spring Term

April 22—Saturday.....Registration of Students
 June 16—Thursday.....Special Spring Term Ends

Summer School

June 19—Monday.....Registration of Students
 June 20—Tuesday.....Recitations Begin
 July 29—Saturday.....Close of Summer School

OFFICERS OF ADMINISTRATION

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MILETUS VESPASIAN DANFORD, A.B., *Bursar.*

J. WALTER CARPENTER, A.M., B.D., *Registrar.*

ISABEL F. STARBUCK, B.S., *Librarian.*

EMMA RUSSELL, *Matron of Phillips Hall.*

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BOARD OF TRUSTEES

TERM EXPIRES JUNE, 1923

E. L. WELSHIMER-----	Canton, Ohio
HON. WILLIAM H. GRAHAM-----	Pittsburgh, Pa.
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W. D. TURNER-----	Cleveland, Ohio
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TERM EXPIRES JUNE, 1921

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TERM EXPIRES JUNE, 1922

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FRANK H. MAIN-----	Philadelphia, Pa.
JUDGE L. T. FARR-----	Lisbon, Ohio
JUDGE L. T. FARR-----	Lisbon, Ohio
BENJAMIN IRVIN-----	Big Run, Pa.
Z. TAYLOR VINSON-----	Huntington, W. Va.
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JUDGE J. B. SOMMERVILLE-----	Wheeling, W. Va.
JUDGE R. M. ADDLEMAN-----	Wheeling, W. Va.

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CLOYD GOODNIGHT, <i>President</i>	
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- CLOYD GOODNIGHT, A.M., D.D., *President, and Professor of Church History.*
Butler College, University of Chicago, University of Pittsburgh.
- JEAN CORRODI MOOS, A.M., Mus.D., *Director of Department of Music and Professor of Piano, Pipe Organ and Theory.*
College of Music, Zurich; Royal Conservatory of Music, Leipsic; Columbia University.
- ANNA RUTH BOURNE, A.M., *Professor of English.*
King's College, London; Oxford University, Bethany College, Columbia University.
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- EBENEZER LEE PERRY, A.M., *Professor of Latin.*
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Bethany College, Yale University.
- WILBUR HAVERFIELD CRAMBLET, A.M., Ph.D., *Professor of Mathematics.*
Bethany College, Yale University.
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Kentucky University and College of the Bible, Yale University, Harvard University.
- JAMES WALTER CARPENTER, A.M., B.D., *Professor of New Testament and Christian Doctrine.*
College of the Bible, Butler College, Yale University.
- JESSIE ELIZABETH ACKER, B.S., *Assistant Professor of Home Economics.*
University of Kentucky.
- ANDREW LEITCH, A.M., Ph.D., *Sarah B. Cochran Professor of Philosophy.*
Butler College, Yale University.
_____, *Assistant Professor of Vocal Music and Art.*
- ISABEL FAIRCHILD STARBUCK, B.S., *Librarian.*
Simmons' College, School of Library Science, Boston.
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Penn State, Yale University, Clark University, Columbia University, Kansas City University.

WILLIAM KIRK WOOLERY, M.A., *Assistant Professor of History and Economics.*

Bethany College, University of California, Johns Hopkins University.

_____, *Professor of Physics.*

_____, *Professor of Modern Languages.*

BERNAL ROBINSON WEIMER, A.M., *Professor of Biology.*

University of West Virginia.

GOLDIA BUTZER, A.B., *Professor of Physical Education for Young Women.*

University of Illinois.

THOMAS HOWES, B.S.A., *Assistant Professor of Agriculture.*

Bethany College, University of Illinois.

_____, *Director of Physical Education for Men.*

SARAH ASHBY, A.M., *Assistant Professor of English.*

University of Wisconsin.

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Bethany College.

HARRY BULAND, *Athletic Coach.*

IRVIN T. GREEN, B.D., M.A., *Assistant Professor of Biblical Doctrine.*

Transylvania College, Bethany College, University of Chicago.

RALPH WINFIELD GARRETT, M.A., *Assistant Professor of History.*

Milligan College, Columbia University.

_____, *Assistant Professor of Chemistry.*

MRS. EMMA RUSSELL, *Matron of Phillips Hall.*

JEOOIE STEINDORF, *Instructor in Art.*

FACULTY COMMITTEES

Committee on Credentials—W. KIRK WOOLERY, F. R. GAY, GOLDIA BUTZER.

Committee on Student Publications—ANNA R. BOURNE, W. KIRK WOOLERY, SARAH ASHBY.

Committee on Entertainments—H. NEWTON MILLER, GOLDIA BUTZER, BERNAL R. WEIMER, F. M. RAST.

Committee on Library—H. L. CALHOUN, ANNA R. BOURNE, ANDREW LEITCH.

Committee on Graduate Work—A. C. WORKMAN, A. R. BOURNE J. WALTER CARPENTER.

Committee on Class Attendance—W. H. CRAMBLET, E. LEE PERRY, IRVIN T. GREEN, JESSIE ACKER, RALPH W. GARRETT.

Committee on Athletics—H. M. Buland, W. H. Cramblet, A. C. Workman, J. Allen Hunter.

Committee on Registration—J. WALTER CARPENTER, A. C. WORKMAN, ANDREW LEITCH, J. ALLEN HUNTER, JESSIE ACKER.

FACTS ABOUT BETHANY COLLEGE

Buffalo Seminary, the fore runner of Bethany College was inaugurated at Bethany, W. Va., in the year 1818 in the home of Alexander Campbell, commonly known as the Mansion. Here Mr. Campbell offered educational advantages for the youth of the community as well as training for young men in the work of the Christian ministry.

In 1840 Bethany College was chartered by the state of Virginia, through the efforts of John C. Campbell, of Wheeling, W. Va. Its first donation was a \$1,000 legacy made by Philip B. Pendleton of Virginia. The campus was donated by the first President of the College, Alexander Campbell, who on his own responsibility began at once the erection of a commodious brick building for the use of the College. The first session opened in October, 1841.

LOCATION

The village of Bethany is situated in Brooke County, West Virginia, seven miles southeast of Wellsburg, fifteen miles north of Wheeling and forty miles south of Pittsburgh. Trolley cars leave Wellsburg for Bethany every two hours from 7 A.M. until 11:15 P.M. Bethany, from the beginning, has been famed for its picturesque and inspiring scenery. The moral atmosphere is unusually healthful and stimulating. Situated near enough to Pittsburgh, Wheeling, Steubenville and Wellsburg to derive the advantages which the cities afford, our students are at the same time removed from many temptations that come with city life.

HOW TO REACH BETHANY

An interurban line operates cars every two hours between Bethany and Wellsburg. The first car leaves Bethany at 6 A.M., and the last car reaches Bethany at 12 P.M.

These cars are equipped to carry freight, trunks, etc. At Wellsburg connections are made with the Traction lines for Wheeling, Steubenville and other Ohio River points. The Pan Handle Railroad (Pennsylvania Lines) reaches Wellsburg. Across the Ohio River at Wellsburg is Brilliant, situated on the Cleveland & Pittsburgh Railroad and the Steubenville and Mingo trolley line.

THE COLLEGE CAMPUS

The college campus, containing about fifty acres, overlooks the beautiful Buffalo Creek. The well kept lawn, cement walks, tennis courts and fine entrance give the campus a park-like appearance. These beautiful surroundings have a cultural advantage for the student which should not be overlooked. More than 4,000 shrubs and trees have been planted on the college grounds.

THE MAIN COLLEGE BUILDING

The main college building stands on an elevation in the center of an attractive campus. It is an imposing structure of Gothic architecture and is well adapted to the purpose for which it is used. It contains numerous class rooms besides a beautiful college chapel and two literary society halls. Along the west side and running the entire length of the building is the Corridor, an open promenade 310 feet in length.

THE E. W. OGLEBAY HALL OF AGRICULTURE

The Oglebay Hall of Agriculture, costing, with equipment, over \$75,000, is used for the teaching of science and agriculture. The building contains chemical, physical, biological and agricultural laboratories, dark room, private laboratories for professors, a chemical store room, several class rooms and the offices of the President of the College and the director of the Department of Agriculture. The third floor of the building is used by the Department of Domestic Science. The building is of Tudor Gothic Archi-

ture and harmonizes with the main college building. It is built of red brick with Berea sandstone trimmings.

THE IRVIN GYMNASIUM

This strictly modern gymnasium was donated by the Irvin family of Big Run, Pa. The building, being of Gothic architecture, is in harmony with the main college building. It is 100 feet in length and 52 feet in width and is equipped with swimming pool 20x40 feet, shower baths, team rooms, coach room, trophy room, lecture room, janitor's livingroom, lockers and track, in addition to the main gymnasium floor.

CARNEGIE LIBRARY BUILDING

This building is constructed of brown pressed brick with Berea sandstone trimmings. The interior is finished with polished oak and presents a very attractive appearance. The building is 95 feet long and 62 feet wide. On the first floor is a large social and banquet room which has been made very attractive through the generosity of the late Mrs. E. W. Oglebay. The second floor is given over to the library proper and contains two reading rooms and the book stack room which is furnished with steel shelving. On the third floor are four large rooms well adapted for class and lecture rooms.

THE PERCY B. COCHRAN HALL

This new dormitory, donated to the college by Hon. M. M. Cochran of Uniontown, Pa., as a memorial to his son, Percy B. Cochran, was opened to receive students at the beginning of the fall of 1911. This building is four stories high. The first story is used for dining room, kitchens and living rooms for the governor of the hall. The other floors are used as rooming places for young men. The building is of fireproof construction, and is built on the latest improved plan. The second and third floors are arranged in suites. In each suite there is a study

room, and adjoining this study room there are two bedrooms. Two young men are supposed to occupy a suite of rooms. The building throughout is heated with steam and supplied with shower baths, sewerage, electric lights, and all modern conveniences.

PHILLIPS HALL—FOR YOUNG LADIES

The college is indebted to the generosity of the late Hon. Thomas W. Phillips of New Castle, Pa., for this hall. It is a stately and commodious building, with all modern improvements, heated with steam, well ventilated, and altogether adapted to the needs and conveniences of young ladies. It has a capacity for sixty roomers and one hundred and forty boarders. The hall is under the care of a competent matron, who resides in this hall and has supervision of the building and all who reside therein. It is the earnest desire and constant endeavor to make Phillips Hall a pleasant and attractive home for young ladies.

THE COCHRAN CENTRAL HEATING PLANT

All the buildings of Bethany College, including the apartment houses, are heated from a central heating plant. Hon. M. M. Cochran of Uniontown, Pa., donated to the college \$22,000, the amount necessary to construct this heating plant. Eight college buildings and two apartment houses are heated from this plant. With this central heating plant, all the college buildings are assured a bountiful supply of heat, even in zero weather. The coal mine is opened at the central heating station, so that coal from the grounds owned by the college is delivered by the miners direct to the storage room of the plant, without the labor of rehandling.

PENDLETON HEIGHTS

A short distance to the north of the Main Building on the campus is the home of the President, known as Pendleton Heights. This building was erected by W. K. Pendleton, second President of Bethany College, and is admirably suited for its intended purpose.

THE SORORITY HOUSE

This large red brick building is situated on Main Street. One of the Sororities is established here. The house is under the control of a competent matron and the same regulations are in force here as prevail at Phillips Hall.

APARTMENT HOUSES AND DWELLINGS

Through the generosity of M. M. Cochran of Uniontown, Pa., the college owns two apartment houses adapted to the needs of married students. Each apartment contains three rooms with bath and is fitted with electric lights and hot and cold water. The apartments are heated from the central heating plant. They rent for \$150.00 for the school year and may be occupied until the first of September without extra charge.

In addition to these apartments, M.r Cochran's gift includes two dwellings, one of eight rooms and the other of ten. These form a group known as the

COCHRAN COTTAGES

The college owns ten other dwellings in different parts of the village of Bethany. Four new seven-room cottages have just been completed.

THE COLLEGE FARMS

The Alexander Campbell farm of 205 acres was donated by Hon. E. W. Oglebay to Bethany College to be used in teaching agriculture; thus allowing the college to carry out the program of its illustrious founder.

By a deed bearing date April 7, 1914, Miss Margaretta E. Parkinson has given to the college the farm of 261 acres adjoining the college grounds on the north. Two other tracts of land belong to the college, making a total of 535 acres that are available for the use of the department of agriculture.

M. M. COCHRAN GENERAL ENDOWMENT

On January 25, 1921, Hon. M. M. Cochran of Uniontown, Pa., gave Bethany College \$500,000.00 to be known as the M. M. Cochran General Endowment Fund. This amount was paid at once and has afforded great help on the expenses of the current year.

ENDOWMENT OF OFFICE AND CHAIR OF THE PRESIDENT OF BETHANY COLLEGE

Hon. M. M. Cochran of Uniontown, Pa., has given \$100,000.00 as an endowment of the Office and Chair of the President of Bethany College.

MRS. SARAH B. COCHRAN CHAIR OF PHILOSOPHY

Mrs. Sarah B. Cochran of Dawson, Pa., has generously contributed \$25,000.00 for the endowment of the Sarah B. Cochran Chair of Philosophy.

THOMAS W. PHILLIPS BIBLE CHAIR

Hon. Thomas W. Phillips of New Castle, Pa., gave \$30,000.00 to endow a chair in Bethany College to be known as the "Thomas W. Phillips Bible Chair."

HERBERT MONINGER MEMORIAL CHAIR OF BIBLE SCHOOL PEDAGOGY

Through the interests and generosity of many Bible Schools, churches and individuals a fund of \$25,000.00 has been given to the college for the endowment of the Moninger Memorial Chair of Bible School Pedagogy.

SCHOLARSHIPS

Twenty friends of Bethany have endowed scholarships in the college. Most of these are good for \$30 per year. These scholarships are for the most part in the hands of the donors or their heirs. Seven of these have been put into the hands of the President of the college for assignment. These scholarships are given to worthy young men who desire to prepare themselves for the Christian ministry.

Mr. E. W. Oglebay offers five scholarships of \$100 each to students in agriculture.

PHILLIPS LOAN FUND

A few years ago the Hon. Thomas W. Phillips of New Castle, Pa., generously donated to the trustees the sum of five thousand dollars, to be loaned to students of Bethany who are preparing for the ministry. The original fund as thus constituted has since been considerably increased by other generous gifts and by accrued interest. From this fund loans may be obtained by ministerial students on complying with the conditions of the loan. Application should be made to the President in writing. Personal or other approved security is required of those borrowing from the fund. No student is loaned more than one hundred dollars per year. The fund now amounts to more than \$12,000.

LIBRARY AND READING ROOM

During the past year many and marked changes have been made in the college library. The north reading room has been redecorated and furnished by the Merry Masquers with a new lighting system. The best periodicals come to the tables. These include some leading dailies and weeklies as well as the monthly and quarterly magazines and journals.

The south reading room has been converted into a stack room and furnished with up-to-date steel stacks with

a capacity for 23,000 volumes. The old stack room has been converted into a reference room to be used by students doing definite reference assignments under the direction of the faculty.

New volumes are being added to the library each week. A definite appropriation has been secured making it possible to add from one to two thousand volumes each year. It is hoped that in a short time the college may have a splendid equipment along these lines. Friends are urged to make gifts for the benefit of the library.

MUSEUM

The Natural History Museum contains some of the Fauna, Birds and Mammals of this region, with a collection from Australia, and exchanges from other sections of the country.

LABORATORIES

Chemical Laboratory: — The chemical laboratory, chemical store room, balance room and the chemistry professor's private laboratory are situated on the second floor of Oglebay Hall of Agriculture. The main chemical laboratory is provided with 160 lockers and will accommodate 80 students working at one time. The department is equipped with modern apparatus for various kinds of chemical work.

Physics Laboratory: — The physics laboratory is on the first floor of Oglebay Hall and is well equipped with laboratory furniture and apparatus for demonstration and general experimental work.

Biological Laboratories: — The biological laboratories are situated on the second floor of Oglebay Hall of Agriculture. These laboratories are equipped with compound microscopes and other apparatus needed for work in general biology, plant morphology, plant physiology, plant pathology, general zoology, entomology and bacteriology

Agricultural Laboratories: — The Oglebay Hall of Agriculture contains laboratories for various kinds of agricultural work.

ATHLETICS

It is the purpose of the Department of Physical Education in Bethany College to assist the students to keep the body in the best possibly condition. Aside from the obedience to the ordinary laws of hygiene and dietetics there must be physical activity of one kind or another for the attainment of success. Exercise, either in or out of doors, is not the end, but the means to an end which is the preparation for the "completest living." Many games with athletic clubs and college teams are staged during the year. All students are admitted to all of these games. The Athletic Board is made up as follows: Five members of the faculty, appointed by the President, and four members from the student body, chosen by the faculty. The President of the college is ex-officio member of the Board. The captains of football, basketball, baseball and tennis are chosen by the teams themselves. The Athletic Board reserves the right to remove any captain or manager for cause, at any time.

ENROLLMENT

Students entering Bethany College enroll for work by first presenting their entrance credits to the Credentials Committee. This should be done by mail as soon in the summer as the student decides to enter the college. The student on or before his arrival at Bethany is apprized of his standing. On Matriculation Day he will receive from the Classification Committee an enrollment card.

Next the student reports to the Registrar, signs the Matriculation Book, and receives a matriculation number.

He then fills out his enrollment card (consulting his adviser if necessary) and submits it to the registrar for his stamp of approval.

The final step in the enrollment is the presentation of this card to the Bursar with whom a settlement must be made for the term's charges.

The instructor's cards will be distributed from the office. Class absences after enrollment count against the student's record.

Fees:— The matriculation and tuition fees must be paid invariably in advance. Every student using a scholarship must, when matriculating, present it or a copy of it to the Bursar.

No portion of a student's fees is refunded on account of withdrawal from college, unless his withdrawal be rendered necessary by ill health. No allowance is made on this account for less than four weeks.

Fees for Special Studies:— When a student obtains permission to pursue more than 15 hours of academic work he must pay \$3.00 for each additional hour. No reduction will be made on these extra studies on any account whatever. Neither will scholarships be accepted in payment for such studies.

Fee for Deferred Matriculation:— Students in attendance during any term must matriculate on the opening day of the following term, if they desire to continue their work. Two dollars is charged for each day of delay in matriculating. This rule applies only to the opening of the Winter and Spring terms, and does not relate to students entering for their first term.

Payment of Accounts:— All accounts with the college must be paid in full before students are admitted to the final examinations, at the end of each term.

Examinations:— All students are required to take the examinations that come during the last week of each term, and those who make D or over as an average grade for the term's work, including the examination, are passed. A second examination may be taken within thirty days.

Teachers will in no case depart from the schedule time of tests except by special vote of the Faculty.

Special Examinations:—Where a student fails in his examination he may have a second trial within thirty days by arranging with the professor in charge and paying a fee of \$1.00. When a student is absent from an examination, for any cause, he may have a special examination by paying a fee of \$2.00. These fees are to be paid at the college office before the examination is taken.

Entrance Examinations:—Students desiring examinations for college entrance will be given opportunity to take them without charge on the Fall Term Matriculation Day. If taken at any other time permission must first be secured at the College office and the regular fee of Two Dollars for Special Examinations must be paid.

Engaging Rooms in Advance:—Students engaging rooms in any of the dormitories for the college year are required to pay \$5.00 in advance, not later than September 1st. Rooms will not be held after this date without this advance payment. This payment will be credited on room and deducted when full payment is made for the year or term. This advance payment will not be refunded after September 1st.

Reports:—At the end of each term (or oftener, if requested), a report is sent by the Faculty to the parent or guardian of each student, stating grades and absences from recitations and examinations, together with such other information respecting the student's progress and conduct as may be deemed proper to communicate, or as the parent or guardian may especially request.

Number of Studies:—A student must carry at least 15 hours of work, unless, for some good reason, the Faculty allows him a less number. No reduction in tuition is made to those who pursue fewer than 15 hours of academic work. No student is allowed to carry more

than 15 hours of academic work unless he has no grade below C and 12 hours B or above for preceding term. In no case will a student be allowed to carry over 18 hours.

Class and Chapel Attendance:—Students are required to attend every session of the classes in which they are enrolled, and also the daily Chapel exercises.

THE PROBATION SYSTEM

A student on probation is allowed no cuts from any class or from chapel and is to be excluded from all college activities save class attendance while on probation. In case a student on probation is absent from any class such student will be excluded from the class by the instructor and may be readmitted to it on the written approval of the cause of the absence by the President or such person as he may appoint to act in this matter in his absence from time to time. If absence is not approved, a student may be readmitted on recommendation of the President and sanction of the instructor, in which case the term grade will be lowered one group by the registration committee. Students will be placed on probation for the following causes:

1. Students who have not passed in 12 hours work in any term will be placed on probation for the following term. In case the probation is the result of incomplete work the probation may be removed if the course is satisfactorily completed within 30 days.

2. Students who appear by the record at mid-term to be in danger of not passing in at least 12 hours work will be placed on probation for the remainder of the term. In case the probation is the result of incomplete work and the student is able to remove the condition within one week, the penalty may be suspended.

3. Students who have exceeded the allowed number of cuts in any class without offering excuses that have been approved by the attendance committee will be placed on probation for the remainder of the term and the term grade lowered one group by the registration committee.

Students on probation for the third cause, if readmitted to class, will have their term grade lowered one group by the registration committee for each absence in excess of the allowed number.

4. Students who have used up the allowed number of cuts from chapel without offering excuses that have been approved by the attendance committee will be placed on probation for the remainder of the term.

Students on probation for the 4th cause will have each term grade lowered one group for each and every chapel absence in excess of six.

Unexcused chapel cuts in excess of nine result in suspension from the college.

CUTS

To take care of necessary absences the faculty will allow two cuts in two and three hour courses and three cuts in four hour courses.

Students to be allowed six cuts a term for chapel.

The following special cases are recognized:

(1.) Prolonged sickness. (At least one week.)

(2.) Interscholastic absences, approved by the Faculty in advance, will not count as cuts. The necessary absences must be reported to the Attendance Committee in time for their action, by the director of intercholastic activity under consideration.

(3.) Absences of ministerial students on Saturdays and at other times when such absence is necessary in the opinion of the President of the College and the professors in charge will not count as cuts.

(4.) Absences of agricultural students on necessary agricultural business, approved by the President of the College and the head of the Department of Agriculture, will not count as cuts.

GENERAL REGULATIONS

1. If, after the allowed number of cuts are taken, a student is absent for any cause satisfactory excuses must

be offered for all previous absences in order to avoid the penalty set forth above.

2. Excuses to be considered must be filed by Friday of the week the student returns to school.

3. Three tardies count one cut.

4. Absences before and after a vacation period to count double.

5. All absences at the beginning of the second and third terms to be counted and reported.

Student Meetings:—No literary society, club, association, or any other meeting or organization of students may be formed, called or attended without consent of the President or Committee on Student Organizations.

Student Conduct and Discipline:—It is the aim to have the discipline of the college firm and reasonable, appealing to the purest motives and best sentiments of the student. No rules for conduct are made save those believed to be dictated by wisdom. In all matters pertaining to personal conduct the Faculty believes in the American principle of self-government, and confidently relies upon the manly and womanly student for support. When any student cannot be controlled by the application of such principles, or when he becomes so indifferent to his opportunity as to fail to accomplish the object for which he is sent to college, his parents or guardian will be informed of the fact and requested to withdraw him from the college.

Changes in Regulations Covering Courses of Study, Degrees, Discipline, &c:—The college reserves the right to amend the regulations covering the granting of degrees, the courses of study, and the conduct of students. Membership in Bethany College and the receiving of a degree are privileges, not rights.

Failures:—Students failing to make passing grades in 50% of their studies for any term, may secure provisional enrollment for the next term. But if failure to pass recurs

such students will be refused further enrollment except by action of the faculty.

RULES GOVERNING THE FRATERNITIES AND SORORITIES

I. No new student shall be invited or pledged to any fraternity or sorority earlier than Friday, November 5th.

II. No student shall be pledged to any fraternity or sorority more than one year in advance of initiation.

III. Students shall not be initiated into any fraternity or sorority until they have presented fifteen High School units and have fifteen hours of resident collegiate work credited on the college books.

IV. No student shall room in a fraternity or club house until he has been in residence at the college one full year and earned at least forty-eight hours' credit, unless by special permission of the Faculty.

V. The pledges of all fraternities, sororities, and clubs must be selected from a list of eligibles obtainable at the college office on Thursday, Nov. 4th. The name of no student will appear on this list whose credentials are not in the hands of the Registrar at least three days before said lists are due. The name of no student will appear on this list whose average grade at the mid-term is below C or whose lowest grade is below D at this time.

STUDENT COUNCIL

Arrangements have been perfected whereby a book store is maintained in the college. By this plan we are able to provide books for our students at a minimum cost. Students who desire to sell their old text-books or trade them for other text-books will be accommodated in the book store. The book store does a strictly cash business. No credit is given to any one. This rule is invariable.

THE RELIGIOUS LIFE OF THE COLLEGE

It is the aim of the management to cultivate and develop the religious nature of the student; to create and

maintain a religious sentiment that shall be in harmony with the best thought of our Christian civilization.

Daily chapel services are held at 10 o'clock each morning. Attendance is obligatory upon all students. The Bible is a recognized text-book in the college and the constant aim is to surround the students with an atmosphere which is genuinely Christian without being sectarian. A Young Men's Christian Association and a Young Women's Christian Association maintain regular meetings entirely in charge of the students. A student volunteer band keeps the missionary spirit alive in the college.

STUDENT ACTIVITIES

Student Publications:—The students publish the Bethany Collegian, a bi-weekly devoted to the interests of the college. The Bethany Harbinger is issued as a quarterly; it is devoted to the interests of the Alumni, the more general interests of the college and those many factors in the life of the Disciples that center in Bethany. Annually a publication called The Bethanian is issued under the more direct supervision of the Senior Class.

Literary Societies:— There are in connection with the college two societies devoted to the cultivation of literary composition and oratory — the Neotrophian and the Adelpian. Every student of the college is urged to become a member of one of these societies.

Oratorical Association:— Bethany holds membership in two oratorical associations — the Interstate, including colleges of Western Pennsylvania, Eastern Ohio and Bethany in West Virginia. The college is also a member of the State Intercollegiate Oratorical Association. The Oratorical Association within the college, with the approval of the Faculty, conducts its own contests for the selection of its representatives in these intercollegiate contests.

Debating Contests:— Each year teams from Bethany College meet teams from near-by colleges. This inter-collegiate debating affords the best of opportunities for student development.

The Y. M. C. A. and Y. W. C. A. have each a large and active membership among the students and are doing good work. A large, well-lighted room in the new Library building has been set aside for the use of the Christian associations.

Y. M. C. A. Lecture Course:— A course of popular lectures is given each year under the auspices of this association, affording the students the benefit of some of the best platform talent of the country. Interesting and instructive lectures are given by prominent men from time to time, in addition to the regular lecture course.

Mission Band:— There is in the college a flourishing Volunteer Mission Band, which is a strong factor in developing the missionary spirit. College credit will be given for work done in the study of missions, if the work is properly supervised.

Ministerial Association:— This association is made up of young men of the Ministerial Department who are engaged in the work of the ministry. Semi-monthly meetings are held, at which meetings vital problems relating to the ministry are discussed.

Fraternalities:— The following Greek letter fraternities are represented at Bethany:— For men, Beta Theta Pi, Kappa Alpha, Sigma Nu and Tau Kappa Alpha; for women, Alpha Xi Delta, Zeta Tau Alpha, and Phil Lamba Chi.

Agricultural Club:— The students in the Agricultural Department have an organization known as the Agricultural Club. Semi-monthly meetings are held at which current problems and practical farm topics are discussed.

OPPORTUNITIES FOR SELF HELP

WORK FOR STUDENTS

With the inauguration of the Agricultural Department, Bethany is able to offer unsurpassed advantages to young men who desire to assist themselves through college by work. The farm work and other work about the college affords opportunities to a number of young men who are in earnest and are willing to work to obtain an education. Students desiring information concerning the opportunities offered for self-help should address the President for full particulars.

STUDENT PREACHING

Ministerial students are frequently called to fill pulpits within reach of Bethany. A number of our students preach regularly for near-by churches, and thus, in addition to the good they do for others, earn funds to meet their college expenses. We recommend, however, that no student below the junior year preach oftener than alternate Sundays.

FEEES AND EXPENSES

Matriculation Fees: — All students in all departments are required to pay a matriculation fee of \$5.00 per year. Scholarships are not accepted for matriculation fee. In all cases this must be paid upon entering any college session.

Tuition: — Each student in the college is required to pay a tuition fee of \$30.00 per term. This entitles the student to registration for fifteen hours of academic class work. No reduction is made for students who enroll for less than fifteen hours. Registration in excess of fifteen hours will be charged for at the rate of three dollars per hour.

Room Rent:—Rooms in Phillips Hall for young ladies rent for \$1.25 to \$1.75 per week. This rate supposes that each room has two occupants. For those choosing to room alone the room-rent will be double this price. Each student is expected to bring comforts, blankets, sheets, pillows, pillow-cases, towels, napkins and napkin-ring.

It is not expected that young ladies in attendance as students will board elsewhere in the village, unless under the expressed approval of their parents or guardians, with the concurrence of the President.

Young ladies intending to enter the college and desiring rooms in Phillips Hall should write the President as soon as a decision is reached. This will insure the reservation of rooms at the prices desired.

Rooms in the Sorority House rent for \$1.75 per week for each young lady. Those who room in sorority houses are subject to the same regulations as those who room in Phillips Hall.

Rooms in Cochran Hall for young men rent for \$60.00 per year where two occupy a suite. There are some single rooms in this dormitory for those who desire to room alone. These rooms rent for \$18.00 per term.

Rooms in Norman A. Phillips Dormitory for young men rent for \$10.00 per term where two occupy the same room.

In both Cochran Hall and the Norman A. Phillips Dormitory, young men will furnish their own sheets, pillow-cases, pillows, bed-spreads, blankets and towels, and will care for their rooms. Students who room in either of these dormitories may take their meals where they like, but will have preference over the young men who room in the village in securing meals at Phillips Hall, should the dining room at the Hall at any time be overcrowded. Those who expect to room in either dormitory should write and engage rooms as early as possible.

It is recommended that students desiring to room in any of the college dormitories engage their rooms in advance. In order to do this, an advance payment of \$5.00 must be made not later than September 1st. This payment will be credited on room rent. In no case will this

advance payment be refunded. A breakage deposit of \$3.00 is required of each student rooming in a college dormitory as a guarantee for the room and furniture. This is refunded when the room is vacated, if everything is in proper condition. The Faculty reserves the right to collect damage beyond this amount in cases of extreme negligence.

Board:—The charge for meals in Phillips Hall is \$4.75 per week. Young ladies are expected to board here unless given permission by the President to board elsewhere. Young men may take meals in this hall, if they desire.

Board in Cochran Hall is \$5.50 per week. A number of young ladies are given special permission to board in this hall.

A number of clubs are conducted in the village by young men and in these board ranges from \$4.00 to \$6.00 per week.

SUMMARY OF FEES AND EXPENSES

Matriculation, per year.....	\$	5.00	
Tuition per term, not exceeding 15 academic hours per week, \$30.00, per year		90.00	
Room rent, \$10.00 to \$20.00 per term, per year		30.00 to \$	60.00
Table board, \$4.75 per week for 37 weeks		175.00	
Cost per year.....	\$	300.75	\$330.75

This does not include books and washing.

The expenses are payable as follows: Tuition fees and room rent in advance; board at the end of each two weeks or a month.

When tuition, matriculation fees and room rent are not paid before the end of the first two weeks of each term, 10% is added to the charge for these items.

SPECIAL FEES

Advanced Physics.....	\$ 2.00	per term
Biology	2.00	" "
Advanced Botany or Zoology.....	2.00	" "
Chemistry, 11, 32, and 33.....	4.00	" "
Chemistry, 31 and 51.....	5.00	" "
Chemistry, 52.....	7.00	" "
Surveying	2.00	" "
Each extra hour above fifteen.....	2.00	" "
Agriculture 31, 32, 33, 52, 53, 54.....	2.00	" "
Breakage deposit (roomer in any Dormitory).....	3.00	" "
Diploma in all Courses.....	10.00	
Matriculation	5.00	" year
General Agriculture	1.00	" term
Special Examination.....	\$1.00 to 2.00	" "
Entrance Examinations (except first week of term).....	2.00	" "
Change of Registration after Registration Day.....	1.00	
Late Matriculation per day.....	2.00	
Music Student for literary study per hour	3.00	per term

STATE RECOGNITION

The Departments of Public Instruction in Ohio, New York, Pennsylvania, Michigan, Illinois and some other states have placed Bethany College on the approved list for the training of teachers. This means that graduates of Bethany College may teach in the public schools of these states without taking the usual teachers' examination if they pursue proper subjects in Education.

THE GRADING SYSTEM

The grades of the College are reported by groups and represented by a letter set before the definition of each group.

A Excellent. The letter A to be used to denote work of unusual merit and ability together with conscientious effort at all times.

B Good. The letter B to be used to denote work that is distinctly above the average. An appreciation and grasp of the subject that is very satisfactory.

C Medium or Average. The letter C to be used to denote work such as is done by the majority of the students.

D Inferior. The letter D denotes work below the average, a lack of interest or of ability to grasp the subject in a sufficient degree to be recommended for further work in the department.

Inc. Incomplete or Conditioned. The abbreviation Inc. denotes incomplete or conditioned work, made so through sickness or other cause, and where an opportunity will be given for the work to be made up.

Conditions must be removed at direction of professor in one of three ways:

(1) Re-Examination.

(2) Completing additional work.

(3) Doing much better work in same subject the following term.

Failure to do so will result in having the grade recorded finally as of the group below with grade of F.

F Failure. The letter F denotes work that is definitely unsatisfactory. Additional work in this department forbidden until this course has been taken over.

A course in which a student fails must be taken over at the first opportunity.

No student will be allowed to carry more than 15 hours of academic work in any term unless all work for the preceding term is represented by C or above and 12 hours are represented by B or above. In no case are students to carry over 18 hours.

ENTRANCE AND DEGREES

Bethany College offers courses leading to the degrees Bachelor of Arts and Bachelor of Science. Graduate work is also offered leading to the degree of Master of Arts.

TERMS OF ADMISSION

Graduates of accredited High Schools offering a four year course may be admitted to the Freshman class without examination. Such students should present certificates stating the work accomplished, the grade attained, the textbooks used and the time devoted to each study. Blanks for this purpose may be filled out and signed by the principal of the high school where the work was taken. These certificates should be presented before or at the time of matriculation. They must be in the hands of the credentials committee not later than the third week of the term of entrance.

Students may be admitted to Freshman standing in the college upon examination at the college. Arrangements should be made to take such examinations before matriculation.

Students from other colleges where the curriculum is substantially similar to that offered in this college may be admitted, *ad eundem*, upon presentation of a certificate that they were in good and regular standing.

Mature men and women may be admitted as special students to such courses as they are prepared to pursue. Such students are not classified and are not given college credit for work done.

ENTRANCE REQUIREMENTS

Candidates who have completed a four year high school course and offer at the opening of the college year 15 units in accordance with the following conditions will

receive freshman rank. Of the 15 units required for entrance 9 are prescribed as follows:

English	3	units
Mathematics	2	"
Foreign Languages (two in same language)	3	"
History	1	"
Science*	1	"

*The unit in science should be a laboratory science taken in the last two years of the high school course.

A student offering 15 units, but lacking one or more of the units prescribed for entrance may still be enrolled as a freshman, but such student will be required, in addition to the number of hours of required work offered for a degree, to elect in the college for each unit lacking, six hours of work in the same department and these hours will reduce the number of the student's electives in the college. Only 4 units of vocational credit earned in the high school will be accepted.

DEFINITION OF A UNIT

Four (4) recitation hours a week for one year is the unit of work for entrance requirements and five (5) periods a week of 45 minutes each will be accepted as an equivalent.

No credit upon certificate will be allowed on any subject for work done below the ninth grade.

The extent and character of the work that will be accepted in each subject is as follows:

ENGLISH

1. Rhetoric and Composition. Two units.
2. Literature and Classics. Two units.

MATHEMATICS

1. Algebra. One and one-half units.
2. Geometry, Plane and Solid. One and one-half units.
3. Trigonometry. One-half unit.

LATIN

1. Latin lessons with careful drills, forms of declension and conjugation, and the rules of syntax. One unit.
2. Four books of Caesar's Gallic Wars, accompanied by Latin Prose. Composition one period a week. One unit.
3. Six orations of Cicero, including the Manilian Law, or six orations and Sallust's Catiline. One unit.
4. Six books of Virgil. One unit.

GREEK

1. Grammar. One unit.
2. Anabasis Books I, II, III and IV. One unit.
3. Herodotus. One unit.

MODERN LANGUAGES

1. German. Three units.
2. French. Three units.
3. Spanish. Three units.

HISTORY

1. Ancient History. One unit.
2. English History. One unit.
3. Medieval History. One unit.
4. United States History. One unit.
5. Civics. One-half unit.

A real equivalent may be presented in place of the above.

SCIENCE

1. General Science. One unit.
2. Elementary Biology. One unit.
3. Elementary Physics. One unit.
4. Chemistry. One unit.

In Biology, Physics and Chemistry laboratory work suitable in quantity and quality is required. Notebooks showing work done must be presented at time of entering college.

VOCATIONAL SUBJECTS

1. Elements of Agriculture. One unit.
2. Home Economics. Two units.
3. Stenography and Typewriting. One unit.
4. Bookkeeping. One unit.
5. Commercial Arithmetic. One-half unit.
6. Commercial Law. One-half unit.
7. Commercial Geography. One-half unit.
8. Manual Training. Two units.

The Credentials Committee may, after investigating each claim, grant a total credit in subjects from 2-8, inclusive, of not to exceed four units.

GRADUATION AND DEGREES

Candidates for the Bachelor's degree must have completed all the work required in courses leading to the desired degree with an actual attendance in the college during at least the senior year.

REQUIREMENTS FOR GRADUATION

Candidates for a baccalaureate degree are required to present 186 term hours of college work of which not to exceed six hours may be offered in Physical Education, in addition to the 15 units required for entrance. A term

hour means one recitation a week or its equivalent. Required work for the baccalaureate degrees are as follows:

For the A.B. degree:

English	18	hours
Chemistry, Biology, Mathematics, or Physics	24	"
Foreign Language	21	"
(Note: In case a student offers two units in a foreign language for en- trance, 18 hours of the same language in college will satisfy this require- ment.)		
History or Social Science.....	18	"
Philosophy, Psychology, Education.	18	"
Bible	9	"
Physical Education.....	6	"

For the B.S. degree:

English	18	"
Foreign Language	21	"
(Note: Same as for A.B. degree.)		
History or Social Science.....	9	"
Science and Mathematics.....	60	"
Philosophy, Psychology, Education.	9	"
Physical Education	6	"
Bible	9	"

Candidates for a degree must earn at least 180 quality points which are awarded as follows:

For a grade of A, 3 quality points for each hour of academic credit.

For a grade of B, 2 quality points for each hour of academic credit.

For a grade of C, 1 quality point for each hour of academic credit.

For a grade of D, no quality points.

A grade of F standing on the records at the time the student applies for a degree or asks for a transfer of credit will lessen the number of the applicant's quality points one

for each hour represented by the course in which the failure is recorded.

Students are required to choose a major and a minor subject not later than the beginning of the sophomore year. Forty term hours of work are required for a major and twenty term hours for a minor. Subjects are grouped as follows for the purpose of determining majors and minors.

- I. English
- II. Foreign Language (Greek, Latin, French, Spanish, German).
- III. History, Economics, Sociology, Political Science.
- IV. Chemistry, Physics, Biology, Geology, Mathematics, Agriculture, Home Economics.
- V. Philosophy, Psychology, Education.
- VI. Biblical Literature and Hebrew.
- VII. Physical Education.
- VIII. Music, Art, Public Speaking.

Students selecting a major from group I must select a minor in II, III or V. Students selecting a major from groups II, III or V must select a minor in I, II, III or V. Students selecting a major from IV must select a minor in IV or V.

The following courses when taken by students who are credited with 90 term hours will have only three-fourths value for credit: English 11, Biology 11, Chemistry 11, Greek 11, Latin 11 and 12, Mathematics 11 and 12, French 11, German 11, Spanish 11, Agriculture 11, Home Economics 11 and 15, Education 11, 12, 13, 14, and 15. New Testament 11, Old Testament 11, 12, and 13.

REQUIREMENTS FOR THE MASTER'S DEGREE

Candidates for the degree of Master of Arts must first have received the Bachelor's degree and thereafter do two years of residence work at the college, which work must

be of graduate rank. The graduate work is to be an extension of the work done as a major for the baccalaureate degree. In addition, an acceptable thesis along the line of the major graduate work is required. In addition to the usual written examinations an oral examination is required of the applicant at the end of the course. Candidates for the degree of Master of Arts should have a reading knowledge of at least one foreign language.

COURSES OF INSTRUCTION

Meaning of Number of Courses:

Courses numbered from 10 to 30 are for Freshmen.

Courses numbered from 31 to 50 are for Sophomores.

Courses numbered from 51 to 70 are for Juniors and Seniors.

Courses numbered from 71 to 100 are graduate courses open to Juniors and Seniors.

Courses numbered 100 or over are for graduate students only.

The letter (a) after a number indicates that the course is given in the Fall term, the letter (b) indicates Winter term, and the letter (c) indicates Spring term.

DEPARTMENT OF AGRICULTURE AND HOME ECONOMICS

Professor Rast

Assistant Professor Acker

Assistant Professor Howes

Miss Dorsey

Extract from an article by Alexander Campbell on the "New Institution," a prospectus of Bethany College. From the *Millennial Harbinger* of 1840 — p. 132.

"Agriculture, both theory and practice, is but beginning to command the respect and attention due to this most useful, honorable and princely of all human callings and pursuits. This, next to religion and morality, and the art of reading and writing, ought to be taught in all its branches, from the infant school and upwards, to the last lecture in the course."

The liberality and wise foresight of Mr. E. W. Oglebay has enabled Bethany College to begin the realization of the earnest wish of its prophetic founder as expressed in the above quotation.

No attempt is made to duplicate the work of the agricultural colleges and experiment stations, but the aim is to give to the limited number of students admitted to the agricultural department of Bethany a practical training in agriculture such as makes rural life satisfying and profitable. Unless this can be done intelligent and ambitious men with good training cannot be expected to remain on the farm.

While the economic motive is powerful, it is not the sole motive in determining an intelligent man's choice of his life work. This department hopes to inspire its students with a love of nature and to show them the opportunities for wholesome family life and development on the farm that will help to overcome the many attractions which have been drawing to the city those who by natural ability and training are best fitted for intelligent work and leadership in the country.

Equipment and Method of Work:—The college farms, comprising over 500 acres of land, are well equipped for demonstration and practical farm work. The useful farm crops are grown and demonstration experiments are being carried out to show the most profitable crop rotations and the best methods of maintaining soil fertility.

An excellent herd of registered Guernsey cattle and also pure bred animals of other types are kept, making it possible to offer students practical courses in Stock Judging, Dairying and Animal Husbandry.

There are some ideal locations for orchards on the college farms. Fifteen acres have already been planted by this department in co-operation with the State Experiment Station. This orchard contains three hundred selected varieties and should be of great educational value.

Practically all the work in organizing, equipping and operating the college farms in all of their departments is done by the instructors and students of the department of agriculture. Planning and carrying out this work and studying and discussing the results accomplished will best prepare the students to do similar work on their own farms and elsewhere.

A certain amount of work on the farm is required of all students pursuing agricultural studies. This is considered laboratory work, and for it there is no remuneration. For work not considered laboratory work there is compensation and an effort is made to employ all students who are in earnest and willing to perform efficient service. Preference will be given to students majoring in agriculture. Trustworthy and efficient agricultural students may hope to have employment provided for them on the farm during the summer months.

Agriculture 11a. Soils and Crops. An introductory course in crop production, intended to acquaint the student with the fundamentals of modern agriculture. This course, together with the courses in Farm Animals, and Rural Economics, constitutes a general course in agriculture running throughout the year. These three courses make the most desirable electives for normal and other college students desiring to acquaint themselves in a general way with modern agricultural development.

Recitations T., W., Th., 11:30. Laboratory S., 10 to 12.
Four hours credit. Asst. Prof. Howes.

Agriculture 11b. Rural Economics. A study of the general economic principles and history of agriculture, agricultural production and management, and agricultural organizations and social conditions.

Recitations T., W., Th., S., 11:30. Four hours credit.
Asst. Prof. Howes

Agriculture 11c. Farm Animals. An introductory course in Animal Husbandry designed to acquaint the student with principles, types and breeds of farm animals, their practical feeding and management as well as elementary judging.

Hours and credit same as 11a. Asst. Prof. Howes

Agriculture 52a. Horticulture (Orcharding). This course deals with the fundamental problems of fruit growing, with special reference to the home or farm orchard. The problems of soil, location, propagation.

pruning, spraying, cultivating, harvesting, storing and marketing, are considered.

Prerequisites, Agriculture 11abc. Biology 11abc or enrollment in same.

Recitations T., W., F., 9:00. Laboratory S., 8:00 to 10:00. Four hours credit. Asst. Prof. Howes.

Agriculture 52b. Horticulture (Small Fruits). This is a continuation of 52a and takes up extensively the growing of grapes, bush fruits and strawberries.

Prerequisites, hours and credit same as 52a.

Asst. Prof. Howes.

Agriculture 52c. Horticulture (Vegetable Gardening). This is a continuation of 52b, and, in addition to the general problems of the home and market gardens, deals specifically with each of the garden vegetables.

Prerequisites, hours and credits same as 52ab.

Asst. Prof. Howes.

Agriculture 33abc. Rural Engineering. Recitations and laboratory work dealing with the construction of farm buildings, fences, roads, drains, machinery, engines, motors, and tractors. The problems of adjustment, repair and operation of farm machines are given special consideration.

Prerequisites, Agricultural 11abc, Elementary Physics or Physics 31abc.

Recitations T., F., 2:30. Laboratory W., 1:30 to 3:30. Three hours credit. Asst. Prof. Howes.

Agriculture 32abc. Agronomy. A study of the history, adaptation, breeding, classification and distribution of the cereal and forage crops, and the cultivation, harvesting and marketing of same. The field laboratory work will include the inspection and testing of field seeds, judging of small grains and corn, and actual work on the farm in connection with crop production and field experiments.

Prerequisites, Agriculture 11abc, Chemistry 11abc, and Biology 11abc. Four hours credit. T., W., F., 8:00. Laboratory Th., 8-10. Asst. Prof. Howes.

Agriculture 55a. Market Dairying. A course dealing

with the theory and practice of handling and marketing of dairy products. Enrollment in this course will require direct connection with the dairy department of the Bethany College Farm, either previously or during the term in which the course is taken.

Prerequisites, Agriculture 11abc, Chemistry 11abc, Biology 11abc. Recitations T., Th., 10:30. Laboratory to be arranged. Four hours credit. Asst. Prof. Howes

Agriculture 55b. Co-operation in Agriculture. A course designed for junior and senior students who are interested in Agricultural Co-operative Organization, either as farmers in the home community, County or Farm Bureau Agents, organizers, managers, or teachers of agriculture.

(Not offered 1921-1922.)

Agriculture 31a. Feeds and Feeding. A study of the general principles of animal nutrition, the common feeds methods of compounding rations and practical feeding.

Prerequisite, Agriculture 11abc.

Recitations T., Th., 10:30. Laboratory W., F., 10:30-12:30. Four hours credit. Professor Rast.

Agriculture 31b. Animal Breeding. A study of the principles and problems in breeding farm animals and the proper management of pure bred stock.

Prerequisite, Agriculture 11abc. Hours and credit same as Agriculture 31a. Professor Rast.

Agriculture 31c. Principles of Dairyng. A general survey of the dairy industry. Special attention given to the composition and management of dairy products.

Prerequisite, Agriculture 11abc. Hours of credit same as Agriculture 31a. Professor Rast

Agriculture 51a. Farm Management. Recitations and laboratory work upon the problems of farm management and their effect upon maintaining the fertility of the soil. The business of farming from the standpoint of the individual is studied.

Open only to Senior Agricultural students. T., W., Th., F., 2:30. Four hours credit. Professor Rast.

Agriculture 51b. Farm Management and Agricultural Economics. Continuation of Agriculture 51a. Inventories and farm surveys will be made and methods of farm accounting discussed and applied.

Prerequisite, Agriculture 51a. T., W., Th., Fr., 2:30. Four hours credit. Professor Rast.

Agriculture 51c. Agricultural Economics. Recitations upon the production, distribution, transportation and marketing of agricultural products. The relation of the industry of agriculture to other industries, co-operation in agriculture, agricultural organizations and the social conditions of agricultural communities are considered.

T., W., Th., F., 2:30. Four hours credit.

Professor Rast.

Agriculture 53a. Sheep and Swine Husbandry. A study of different breeds, types and market classes and of various systems of management.

Prerequisite, Agriculture 11abc and 31abc. Recitations and lectures T., W., S., 9:00. Laboratory M., 8:00-10:00. Four hours credit. Professor Rast.

Agriculture 53b. Poultry Husbandry. A study of the more important breeds of poultry, incubation, brooding, rearing, general care and management. Some attention given to poultry house construction.

Prerequisites, Agriculture 11abc and 31abc. Recitations and lectures T., W., S., 9:00. Laboratory M., 8:00-10:00. Four hours credit. Professor Rast.

Agriculture 53c. Diseases of Farm Animals. A study of some of the common diseases of farm animals and their prevention.

Prerequisites, Agriculture 11abc and 31abc. Recitations and lectures T., W., S., 9:00. Laboratory M., 8:00-10:00. Four hours credit. Professor Rast.

Agriculture 54abc. Stock Judging. Recitations and lectures on the use of the score card. Practical work in scoring, judging and placing horses, cattle, swine, sheep and poultry from various standpoints.

Prerequisite, Agriculture 31abc. Recitations and lectures T., 8:00. Laboratory Th., F., 8:00-10:00. Three hours of credit each term. Professor Rast.

HOME ECONOMICS

An entire floor of Oglebay Hall of Agriculture has been set aside for this department; the space at command comprising kitchen and serving laboratories, a demonstration dinning room, and recitation room.

The course in Home Economics is designed to meet the needs of two classes of students; those who specialize in other lines of work, but who desire a knowledge of the fundamental principles underlying the sciences most directly concerned in the home, and those who wish to take a full course leading to the Degree of Bachelor of Science.

Credit will not be given in Laboratory Courses in Foods or Textiles unless the course is continued throughout the year.

Uniform. Each student must be provided with two long white aprons, a holder for lifting hot pans, and three small hand towels.

Fees. A fee of \$2.50 per term will be charged students enrolled in the domestic science department and fifty cents a term in the cosmetic arts department to cover the cost of material used.

Each student before graduation will be required to plan, direct, and serve a dinner to at least six guests.

SHORT COURSE FOR TEACHERS

Students who are graduated of accredited High Schools and are able to present proper units may secure a teacher certificate on completion of eighty-three hours of college work. The following courses are recommended

for Freshmen year: English 11abc, Chemistry 11abc, Home Economics 11abc, Education 12abc.

Sophomore year: Education 11abc, Education 31abc, Education 32abc, Home Economics 32abc, Home Economics 34abc.

Education 36abc and Advanced Psychology should be taken.

To secure certificate in West Virginia a student must present work in Public School Music and Drawing in addition to forty-eight hours of Education.

COURSES OF INSTRUCTION

Home Economics 11abc. Home Cookery and Table Service. A study of foods, principles governing their preparation, purpose in cooking, chemical composition, changes induced by heat, cold and fermentation. Planning meals, cooking and sewing, emphasizing efficient expenditure of time, labor and money.

Lecture and Laboratory, four hours a week.

Three hours credit. T., F., 10:30-12:30.

Asst. Prof. Acker.

Home Economics 13abc. Elementary Cooking. Neatness and definiteness and use and care of the laboratory equipment are a part of every lesson. Designed to give a knowledge of the principles underlying the selection and preparation of food. Cooking and serving of foods. This course is for those who have had no Home Economics in High School.

Lecture and Laboratory, four hours a week.

Two hours credit. T., F., 1:30-3:30. Miss Dorsey.

Home Economics 15abc. Machine Sewing and Pattern Drafting. Efficient sewing methods applied on wash materials. Drafting patterns and alterations of commercial patterns. Hand sewing and undergarments prerequisite.

Lecture and Laboratory. W. and Th., 10:30-12:30.

Credit two hours.

Asst. Prof. Acker

Home Economics 16abc. Hand Sewing and Undergarments. A study of the fundamental stitches, and processes applied to useful articles. Practice in cutting and making undergarments. This course is for those who have had no sewing in High School.

Lecture and Laboratory, four hours a week.

W., Th., 1:30-3:30. Credit, two hours. Miss Dorsey.

Home Economics 12ab. Home Sanitation. This subject deals with healthfulness of location, drainage, and surroundings of a dwelling; heating, necessity of proper amount of sunlight, ventilation, over-crowding, disposal of household waste, preventable diseases. Chemistry 11abc prerequisite or parallel.

Lecture and recitations, two hours a week.

T., Th., 9:00. Two hours credit.

Home Economics 12c. House Furnishing. Planning and furnishing a small house at stipulated cost. Study of color combinations, effect of color and practical application in the home. Economical furnishing. Prerequisite, H. E. 12ab.

Lecture and Laboratory, two hours a week.

T., Th., 9:00. Credit, two hours. Asst. Prof. Acker.

Home Economics 32ab. Problems in Food Preparation and Nutrition. Lecture and Laboratory. Study of assimilation and use of food. Problems in institutional management. The equipment, maintenance and budgeting of institutions. Prerequisites, H. E. 11abc, Chemistry 11abc.

Lecture, 1 hour a week; Laboratory, 3 hours a week

T., F., 8:00-10:00. Two hours credit.

Asst. Prof. Acker.

Home Economics 32c. Special Methods. This course includes six weeks study in methods of teaching Domestic Science and six weeks in methods of teaching Domestic Art. Practice teaching accompanies the classroom work. Required of all seeking degrees. Two hours a week.

W., Th., 8:00. Two hours credit. Asst. Prof. Acker.

Home Economics 34ab. Problems in Clothing. Designing, cutting and making of wool and silk dresses, hygiene of clothing, clothing budgets. Winterburn's "Principles of Correct Dress"; also the History Study of Costume. Prerequisite, H. E. 15ac.

Recitation and Laboratory, four hours a week.

W., Th., 8:00-10:00. Two hours credit.

Asst. Prof. Acker.

Home Economics 34c. Textiles. A study of the textile fibres and fabrics of interest to the household; their character, cost, durability, adulteration.

Lecture and recitation, two hours a week.

T., F., 8:00-10:00. Two hours credit.

Asst. Prof. Acker.

Home Economics 33a. Household Administration. Course dealing with efficient management of the home, including budgeting of the income, proper distribution of time in daily routine duties. Keeping of household accounts, use of labor-saving devices. Prerequisite, H. E. 11abc and 15abc.

Recitation and lecture, three hours a week.

T., Th., S. Three hours credit. Asst. Prof. Acker.

Home Economics 33b. Home Care of the Sick, Feeding and Care of Children. A series of lectures dealing with the fundamental principles in home nursing. The feeding and care of children from infancy through adolescence will form an important part of the course.

Lecture, three hours a week.

T., Th., S. Three hours credit. Asst. Prof. Acker.

Home Economics 33c. Dietetics. A consideration of metabolism, and its process, with special reference to cell utilization of food. The relation of diet to the more common disorders of nutrition and the comparative nutritive values of different types of food.

Lecture and recitation, three hours a week.

T., Th., S. Three hours credit. Asst. Prof. Acker.

Home Economics 51a. Art Embroidery. This course includes practice in various kinds of embroidery used on clothing or in the household.

Four hours laboratory a week.

W., F., 1:30-3:30. Two hours credit.

Asst. Prof. Acker.

Home Economics 52bc. Production and Manufacture. This course deals with the source, production and use of food products. Home Economics 11abc, Chemistry 11abc prerequisites.

Recitation two hours a week.

Tues. and Thurs., 1:30. Two hours credit.

Asst. Prof. Acker.

DEPARTMENT OF BIOLOGY AND GEOLOGY

Professor Weimer

The courses in this department are planned to offer a broad view of the facts of life as a part of a general cultural education as well as specialized knowledge along the lines of Botany, Zoology and Geology. The courses in Biology are suitable for students preparing for the study of medicine.

Biology 11a. General Biology. A systematic study of the fundamental structures and life processes of plants and animals including man, and the important inter-relationships together with special lectures and discussions of the important principles of Biology—Environment, Theory of Evolution, Heredity and Variation. Four hours credit.

Recitations and lectures T., Th., 1:30. Laboratory W., F., 1:30-3:30.

Biology 11b. Continuation of Biology 11a.

Prerequisite, 11a or its equivalent. Hours and credit same as Biology 11a.

Biology 11c. Continuation of 11b.

Prerequisite, Biology 11ab or its equivalent. Hours and credit the same as Biology 11b.

Biology 36c. Invertebrate Zoology. A survey of the invertebrate animals including phylogeny, morphology, relationship and economic importance. Laboratory study of the activities and morphology of representative types of Invertebrates. Four hours credit.

Prerequisite, Biology 11abc. Recitations and lectures. T., T., 8:00. Laboratory W. F., 8:00-10:00.

Biology 36b. Invertebrate Zoology. Continuation of Biology 36c.

Prerequisite, Biology 11abc and Biology 36a. Hours and credits the same as Biology 36a.

Biology 36c. Vertebrate Zoology. A study of representative forms of Vertebrates, amphioxus, shark, frog and cat.

Prerequisite, Biology 11abc and Biology 36ab. Hours and credit the same as Biology 36b.

Biology 31a. General Botany. A general survey of the plant kingdom. Type forms will be studied with attention to morphology, physiology, ecology, phylogeny and economic importance. Special attention will be given to systematic botany in the spring months. Four hours credit.

Recitations and lectures T., Th., 10:30. Laboratory W., F., 10:30-12:30.

Prerequisite, Biology 11abc.

Biology 31b. Continuation of Biology 31a. Prerequisite, Biology 11abc and Biology 31a. Hours and credit the same as Biology.

Biology 31c. Continuation of Biology 31b. Prerequisite, Biology 11abc and Biology 31ab. Hours and credit the same as Biology 31b.

Biology 29b. Personal Hygiene. A study of certain fundamental laws governing personal health.

T., Th., 2:30. Two hours credit.

Biology 29c. Public Sanitation. A study of the principles underlying health conditions in more complex communities.

T., Th., 2:30. Two hours credit.

Geology 41abc. (Offered 1922-1923.)

DEPARTMENT OF CHEMISTRY

Professor Workman

Assistant Professor _____

Mr. Francis

Mr. Ryan

The aims of the courses in this department are to furnish students with such a training in the fundamental principles of chemistry as ought to be a part of a liberal education and, at the same time, to provide a satisfactory foundation for specialization. Some of the more advanced courses are not given every year but are so alternated that students staying in the college four years have an opportunity to get practically all the work offered. The fees for the various courses are stated elsewhere in the catalogue. Besides the fees named, each student is required to make a deposit with the bursar of the college each term of two dollars for Chemistry 11, three dollars for Chemistry 31, 32, 33 or 51, and five dollars for Chemistry 52. The deposit, less any charges that may be made for breakage, is returned to the student at the end of the term.

Chemistry 11ab. General Chemistry. A study of the general principles of chemistry. In this course and the following one special emphasis is placed on the application of chemistry to daily life. The course is arranged to meet the requirements of those who have had an elementary course in chemistry as well as those who are just beginning the subject. The class is divided into three sections.

Lectures T., Th., 8:00, 9:00, 2:30. Laboratory open W., F., 8:00-10:00, and M., S., 8:00-12:00. Four hours credit each term.

Professor Workman, Assistant Professor _____ and Assistants.

Chemistry 11c. Elementary Qualitative Analysis

This is an elementary course in the principles of qualitative analysis and consists of a study of common metals and acids and their identification in simple compounds and mixtures.

Lectures, quizzes and laboratory T., W., Th., F., 8:00-10:00, and M., S., 8:00-12:00. Four hours credit.

Professor Workman, Asst. Professor ————— and Assistants.

Chemistry 31a. Qualitative Analysis. A study of the principles and methods of qualitative analysis and identification of metals in chemical compounds, minerals and ores. The course is intended specially for those who enter college with advanced standing and have never had any work in qualitative analysis. It will be offered when called for by a sufficient number of students.

Laboratory open T., W., Th., 10:30-12:30, and M., 8:00-12:00. Three hours credit. Professor Workman

Chemistry 32abc. Agricultural Chemistry. The course is intended specially for agricultural students. The first term is given to a study of Organic Agricultural Chemistry and the remainder of the year to a study of the physical and chemical properties of soils. Prerequisite, one year of college chemistry. Offered in 1921-1922. Alternates with Chemistry 33abc.

Lectures T., Th., 1:30. Laboratory W., F., 1:30-3:30. Four hours credit each term.

Chemistry 33abc. Chemistry of Foods and Nutrition. This course is specially intended for students in the department of home economics and alternates with Chemistry 32abc. A study is made of the composition and nutritive value of various foods, food legislation and inspection, food preservation and adulteration. Laboratory work includes some exercises in elementary quantitative analysis followed by analysis of typical foods, such as cereals, milk, flour, butter and cheese. Prerequisite, Chemistry 11abc.

Lecture Th., 11:30. Laboratory W., F., 10:30-12:30.
Three hours credit each term. Offered in 1922-23.

Professor Workman.

Chemistry 34abc. Advanced General Chemistry. A study of special topics in the field of advanced general chemistry. Special emphasis is placed on chemical laws and theories and the chemistry of some of the rare elements.

Lectures T., S., 10:30. Two hours credit each term.

Professor Workman

Chemistry 51abc. Quantitative Analysis. A study of the fundamental principles of gravimetric and volumetric analysis. The nature of the laboratory exercises is made to conform as far as possible to the needs of the various students taking the work. The course alternates with Chemistry 52abc. Prerequisites, one year of college chemistry. Offered in 1921-22.

Lecture T., 11:30. Laboratory open W., Th., F., 10:30-12:30, and M., 10:00-12:00. Four hours credit each term.

Professor Workman.

Chemistry 52abc. Organic Chemistry. A general course in organic chemistry. A study is made of both aliphatic and aromatic compounds and their derivatives. Typical organic compounds are prepared in the laboratory. Prerequisite, Chemistry 11abc, and preferably Chemistry 34abc and 51abc. The course alternates with Chemistry 51abc. Offered in 1922-23.

Lecture T., 11:30. Laboratory open W., F., 10:30-12:30, and M., 8:00-12:00. Four hours credit each term.

Professor Workman.

Chemistry 53a. Industrial Chemistry. This course consists of lectures on various industrial processes, written reports on assigned topics and observation trips to industrial plants in the Ohio Valley. Prerequisite, Chemistry 11abc, 34abc, and 52abc.

Lectures W., F., 8:00. Two hours credit.

Professor Workman.

Chemistry 54bc. Physiological Chemistry. A study of the chemistry of carbohydrates, fats and proteins and their digestion and metabolism in the animal organism. Special emphasis on the chemistry of various body tissues and secretions. Prerequisites, Chemistry 11abc and 52abc. Offered in 1921-22.

Lectures W., F., 8:00. Two hours credit each term.
Professor Workman.

Chemistry 55abc. Physical Chemistry. This course deals with such topics as gas laws, molecular weights, mass action, theory of solutions, the phase rule, etc. Prerequisites, Chemistry 11abc, 34abc and 51abc, Physics 31 and Mathematics 31. Offered when desired by a sufficient number of students.

Lectures W., F., 9:00. Two hours credit each term.

DEPARTMENT OF CHURCH HISTORY

President Goodnight
Assistant Professor Green

Church History 71a. The Ancient Church. A study of the origin and development of Christianity to the close of the sixth century.

T., W., S., 9:00. Three hours credit.

Church History 71b. The Medieval Church. A continuation of course 71a to the beginning of the Reformation.

T., W., S., 9:00. Three hours credit
Asst. Prof. Green.

Church History 71c. The Modern Church. A general survey of the life and work of the church in modern history.

T., W., S., 9:00. Three hours credit.
Asst. Prof. Green.

Church History 72a. Life and Times of Jesus. (Not offered in 1921-22.)

Asst. Prof. Green.

Church History 72b. The Apostolic Age. A survey of

of the origin, development and missionary work of the church in the first century.

T., W., F., 8:00. Three hours credit.
President Goodnight.

Church History 72c. History of the Disciples. (Not offered 1921-1922.)

Church History 101a. The Background of Christianity. A survey of the contributions made by Judaism and Hellenism during the three centuries prior to the birth of Jesus.

T., W., F., 8:00. Three hours credit.
President Goodnight.

Church History 101c. The Post Apostolic Age. A study of the life and work of the Church from 100 A.D. to the Council of Nicea

T., W., F., 8:00. Three hours credit.
President Goodnight

Church History 91a. The Reformation. A study of the rise and development of the Reformation in Germany. (Not offered 1921-22.)

Church History 91b. The Reformation. A study of the rise and development of the Reformation in the countries outside of Germany. (Not offered 1921-22.)

Church History 91c. The Church in England. A study of the Reformation in England and the rise of Anglicanism and the development of Non-Conformist groups. (Not offered 1921-22.)

Church History 102ab. The History of Christian Doctrine. A study of the rise and development of the outstanding doctrines of the Church as held by leading church groups.

T., W., S., 8:00
Three hours credit each term. Asst. Prof. Green.

Church History 102c. The History of Christian Missions. A study of the progress of the church from the standpoint of its expansion.

T., W., S., 8:00.
Three hours credit. Asst. Prof. Green.

DEPARTMENT OF EDUCATION

Professor Hunter
Professor Miller
Professor Leitch
Miss Steindorf

AIMS AND REQUIREMENTS OF THE DEPARTMENT

The primary aim of the Department of Education is to send forth graduates with professional enthusiasm, knowledge of the basic principles of educational theory and practice, and with special preparation to teach certain chosen subjects embraced in the secondary school curriculum.

A secondary aim of the department is to qualify, through a course of two years, candidates for an elementary school certificate issued by the State Department of Education in West Virginia. All candidates for graduation or for a certificate must have completed four hours of observation and practice teaching.

OPPORTUNITIES FOR OBSERVATION

Candidates for high school teaching certificates are privileged to observe and do actual schoolroom teaching in the local high school. The excellent high schools of Wellsburg, Warwood, Wheeling and Steubenville are easily accessible by trolley. Candidates for elementary school teaching certificates do their practice teaching and most of their observation in the village schools of Bethany and have ready access to rural and city schools for additional observation. All observation and practice teaching is under the direction and supervision of instructors in the Department of Education.

OUTLINE OF COURSE FOR ELEMENTARY SCHOOL CERTIFICATE

Freshman year: Education 13abc, 18abc, 36abc and seven hours of college work not pedagogical.

Sophomore year: Education 31abc, 32abc and twelve hours of other work. All electives must be approved by the department of education. Work done at the summer sessions applies on this course.

COURSES OF STUDY

Education 13a. General Methods. A discussion of the underlying principles of method, lesson plans, preparation and presentation of material. Credit, 3 hours.

T., Th., F. at 10:30.

Professor Hunter.

Education 13b. Classroom Management. Presents the practical problems of the schoolroom, such as discipline, routine factors, daily program. Attention will be given to West Virginia school laws. Credit, 3 hours.

T., Th., F. at 10:30.

Professor Hunter.

Education 13c. School Hygiene. The problem of hygiene in relation to school life. Sanitation, heating, ventilation, lighting, seating, fatigue, disease, first aid. Credit, 3 hours.

T., Th., F. at 10:30.

Professor Hunter.

Education 14abc. Public School Drawing. Methods are given, work is planned for each grade and carried out in different mediums, such as pencil, crayon, paper-cutting, water-color and pastel. Attention is given to the seasons. Credit, 2 hours each term.

T. and Th., 2:30-4:30.

Miss Steindorf.

Education 15abc. Public School Music. Sight singing from blackboard, chart and Harmonic first and second readers. Ear training. Theory including all major and minor keys and scales in treble and bass cleffs, simple modulation. Consideration of appropriate rote songs. Methods include work for each grade for an entire year which is planned and worked out. Credit, 2 hours each term.

Hours to be arranged.

Education 18a. Introduction to Psychology. The structure and function relations are emphasized throughout the course. Credit, 3 hours.

T., Th., F. at 1:30.

Professor Miller.

Education 18b. Psychology and Childhood. A study of the physical and mental development of children. The appearance and use of instincts, the place of play, etc., closing with a brief study of mental tests. Credit, 3 hours.

T., Th., F. at 1:30.

Professor Miller.

Education 18c. Educational Psychology. The practical problems of education viewed on the basis of their psychological significance. The learning process, educating the senses, memorizing, etc. Credit, 3 hours.

T., Th., F. at 1:30.

Professor Miller.

Education 31abc. Special Methods. A detailed consideration of the methods of teaching the elementary school subjects, selection and arrangement of material, devices and seat work, correlation. Credit, 2 hours each term.

Th. and S. at 8:00.

Professor Hunter

Education 32abc. Observation and Practice Teaching
This is a very important course as the candidate here attempts to apply educational principles in the classroom. Lesson plans are prepared for each lesson. The work is observed and criticized by the instructor. Personal conferences. Credit, 2 hours each term.

Hours to be arranged.

Professor Hunter

Education 37abc. Psychology, General and Applied.
See Department of Philosophy.

Professor Leitch.

Education 56a. Psychology of Personality.

56b. Psychology of Work.

56c. Mental Measurements.

See Department of Philosophy.

Professor Leitch

Education 36abc. History and Principles of Education. Lectures and reports. The principles of education are discussed as they manifest themselves in relation to historical and national development.

Education 36a. To the Renaissance.

Education 36b. Modern Europe.

Education 36c. American Education.

Credit in each course, 3 hours. No prerequisites.

T., W., F. at 8:00.

Professor Hunter.

Education 59a. History and Principles of Secondary Education. A consideration of the secondary school from the standpoint mainly of its historical development and the principles underlying its changes. The junior high school, its aim and present status. Credit, 3 hours. Prerequisite, Education 37abc.

T., W., F. at 9:00.

Professor Hunter.

Education 59b. Pedagogy of the High School Subjects. Special attention will be given to those subjects in which students have elected majors and minors. Prerequisite, Education 37abc. Credit, 3 hours.

T., W., F. at 9:00.

Professor Hunter.

Education 59c. School Administration and Management. Considered from the viewpoint of the secondary school. The school board, centralization, vocational education, school architecture, budgets, sanitation, classroom management, courses of study. Prerequisite, Education 37abc. Credit, 3 hours.

T., W., F. at 9:00.

Professor Hunter.

Education 81abc. Observation and Practice Teaching. An important course. Open only to seniors. The teaching is done in the local high school. So far as possible students will be allowed to observe and teach mainly in the subjects in which they propose to teach after graduation. Prerequisite, Education 37abc. Credit, 2 hours each term.

Hours to be arranged.

Professor Hunter.

For courses in Logic, Ethics and Philosophy, see Department of Philosophy; for courses in Sociology, see Department of Sociology.

DEPARTMENT OF ENGLISH

Professor Bourne

Assistant Professor Ashby

A. COMPOSITION

English 11a. Class work will consist of a study of the principles of narration and description — recitations, discussions, written exercises and assigned reading. This course presupposes a preparation equivalent to a four-year course in high school Rhetoric.

T., Th., S., 9:00. Three hours credit. Section I.

T., Th., S., 11:30. Three hours credit. Section II.

T., Th., F., 2:30. Three hours credit. Section III.

Asst. Prof. Ashby.

English 11b. Continuation of 11a. In connection with the work in Composition there will be assigned reading and study of articles bearing on present day events in the leading magazines. Three hours credit. Sections and hours as above.

Asst. Prof. Ashby

English 11c. Study of principles of exposition. Theme writing, study of selections of standard English prose. Three hours credit. Sections and hours as above.

Asst. Prof. Ashby.

English 54a. Advanced Composition. Individual practice in writing with readings in modern literature as a basis of comparative study.

W., F., S., 10:30. Three hours credit. Prerequisite, English 32abc.

Asst. Prof. Ashby.

English 54b. Writing and reading with especial attention to the short story. Various practical applications of writing.

W., F., S., 10:30. Three hours credit.

Asst. Prof. Ashby.

English 54c. Advanced Composition. Writing and reading with chief interest in Expository writing.

W., F., S., 10:30. Three hours credit.

Asst. Prof. Ashby.

B. LITERATURE

English 32a. A general survey of the history of English literature from the age of Chaucer to the end of the nineteenth century. Continuous throughout the year. Lectures, assigned readings, written reports.

T., Th., S., 9:00. Three hours credit. Section I.

T., Th., S., 10:30. Three hours credit. Section II.

Prerequisite, English 11abc. Professor Bourne

English 32b. Continuation of English 32a.

Professor Bourne.

English 32c. Continuation of English 32b.

Professor Bourne.

English 57a. A study of the English Novel with special reference to the novel in the nineteenth century. Lectures, assigned readings, written reports.

T., W., F., 11:30. Three hours credit.

Prerequisite, English 32abc. Professor Bourne.

English 57b. A rapid survey of the history and development of the drama from its beginning to the complete drama of the sixteenth century.

T., W., F., 11:30. Three hours credit.

Prerequisite, English 54a. Professor Bourne.

English 57c. The drama of Shakespeare.

T., W., F., 11:30. Three hours credit.

Prerequisite, English 54b. Professor Bourne.

English 53a. English literature of the Queen Anne period with special reference to the literature of Pope Addison and Swift. Three hours credit.

(Not offered 1921-1922.)

English 53b. English literature of the last half of the eighteenth century. A study of Dr. Johnson and his circle

and the poets who mark the beginning of Romanticism. Three hours credit.

(Not offered 1921-1922.)

English 53c. The Romantic Triumph of English literature. A study of the poetry of Byron, Shelley, Keats, Coleridge and Wordsworth. Three hours credit.

(Not offered 1921-1922.)

English 73a. A study of the leading prose writers of the Victorian era — Macauley, Carlyle, Ruskin and Arnold. T., W., F., 2:30. Three hours credit.

Prerequisite, English 32abc. Professor Bourne.

English 73b. The Victorian Era continued. Study of the poetry of Tennyson and Browning. Briefer assigned reading in other poets of the period.

T., W., F., 2:30. Three hours credit.

Prerequisite, English 73a. Professor Bourne.

English 73c. A study of present day literature, its tendencies and influences. Assigned reading in modern fiction, poetry and drama. Lectures, class recitations and written reports.

T., W., F., 2:30. Three hours credit.

Prerequisite, English 73b. Professor Bourne.

English 29b. American Literature. A rapid survey course.

W., F., 9:00. Two hours credit.

English 29c. American Literature continued.

W., F., 9:00. Two hours credit.

DEPARTMENT OF GREEK AND LATIN

Professor Gay
Professor Perry

All effort in this department will be directed, first, to impart an accurate knowledge of the language; second, to

develop appreciation for Greek and Latin as the purest literature and as a criterion for the appreciation of the best in all literature. In the earlier part of the course emphasis will be laid upon the mastery of inflections and syntax and the writing of the language. Comparison of Greek or Latin and English idiom and syntax will be constantly made and the student will be encouraged to exercise his own judgment and discrimination in this comparison. Later more emphasis will be placed upon the student's ability to appreciate and interpret the thought of the Greek Masters, especially in relation to the contribution which Greek or Roman civilization has made to modern life.

In the Greek of the New Testament constant comparison will be made with classical Greek and emphasis will be placed upon the finer distinctions of syntax as they effect the interpretation of the text.

Greek 11abc. Elementary Greek. This course includes a mastery of the essential principles of Greek grammar and the reading of a number of Greek stories.

Prerequisite, one unit of preparatory Latin.

T., W., Th., F., 3:30. Four hours credit.

Professor Gay.

Greek 41abc. Homer, Iliad and Odyssey. This course includes weekly reports on assigned topics dealing with the History of Hellenic Civilization.

Prerequisite, Greek 11abc.

T., W., Th., F., 1:30. Four hours credit.

Professor Gay

Greek 51abc. Greek Dramatists.

a. Æschylus' Prometheus Bound.

b. Sophocles' Œdipus Tyrannus.

c. Euripides' Iphigenia Tauris.

The reports on the History of Hellenic Civilization will continue throughout the year.

Prerequisite, Greek 41abc.

T., W., Th., S., 9:00. Four hours credit.

Greek 52abc. Plato.

a. Apology and Crito.

bc. Selections.

Weekly reports on the History of Hellenic Civilization as in Greek 41abc.

T., W., Th., S., 9:00. Four hours credit.

Professor Gay.

Greek 81abc. A course in the Greek New Testament, covering the Gospel of Luke, with selections from the other gospels, a portion of The Acts of the Apostles, I and II Thessalonians and I and II Corinthians.

Prerequisite, Greek 51abc or 52abc.

T., W., F., 11:30. Three hours credit.

Professor Gay

Greek 111abc. An advanced course in Greek Exegesis. A critical study of Paul's Epistles to the Galatians, Romans, Ephesians, Philippians, Colossians and Hebrews.

Prerequisite, New Testament 81abc.

T., W., F., 2:30. Three hours credit.

Professor Gay.

Latin 11abc. Cicero and Latin Composition. Work in composition one day each week.

Prerequisite, two years of preparatory Latin.

T., W., F., 11:30. Three hours credit.

Professor Perry

Latin 12abc. Virgil. After three years devoted to the acquisition of the language, the study of Virgil will be approached with a literary as well as a linguistic purpose. Ability to read the hexameter is expected of all who complete this course.

Prerequisite, Latin 11.

T., Th., F., 2:30. Three hours credit.

Professor Perry.

Latin 31a. DeAmicitia and De Senectute.

Prerequisite, Latin 12.

T., Th., S., 8:00. Three hours credit.

Professor Perry.

Latin 21a. Tacitus. Germania and Agricola.

Prerequisite, Latin 12.

T., Th., S., 8:00. Three hours credit.

Professor Perry.

Latin 21c. Plautius: Menæchmi. Terence: Phormio.
Prerequisite, Latin 12.

T., Th., S., 8:00. Three hours credit.
Professor Perry.

Latin 31a. Letters of Cicero. A large number of letters will be read showing Cicero's tastes and relations to his personal and literary friends.

Prerequisite, Latin 12.

T., Th., S., 8:00. Three hours credit.
Professor Perry.

Latin 31b. Odes and Epodes of Horace.

Prerequisite, Latin 12.

T., Th., S., 8:00. Three hours credit.
Professor Perry.

Latin 31c. Livy. The larger portion of Book XXI and XXII will be read with particular attention to Livy's qualities as an historian.

Prerequisite, Latin 12.

T., Th., S., 8:00. Three hours credit.
Professor Perry.

Latin 21 and 31 are given in alternate years.

Latin 32abc. Roman Private Life.

W., 8:00. One hour credit.
Professor Perry.

Latin 51a. Roman Satire. Readings — Development of the Roman Satire.

Prerequisite, Latin 21 or 31.

T., Th., S., 9:00. Three hours credit.
Professor Perry.

Latin 51b. A study of the Conspiracy of Cataline from the original sources.

Prerequisite, Latin 21 or 31.

T., Th., S., 9:00. Three hours credit.
Professor Perry.

Latin 51abc. Roman Literature. This course will consist of a general survey of Roman literature with selections from many Latin authors.

Prerequisite, Latin 21 or 31.

T., Th., S., 9:00. Three hours credit.
Professor Perry.

Latin 52abc. Latin Composition. Advanced course. Designated for students who expect to teach Latin.
Prerequisite, Latin 12. F., 9:00. One hour credit.
Professor Perry.

DEPARTMENT OF HISTORY, ECONOMICS AND POLITICAL SCIENCE

Assistant Professor Woolery
Assistant Professor Garrett

HISTORY

History 33a. Medieval History. From the decline of the Roman Empire to the opening of the sixteenth century. Text: Thorndyke.

T., W., Th., 8:00. Three hours credit. Section I.

T., W., Th., 2:30. Three hours credit. Section II.

Asst. Prof. Garrett.

History 33bc. Modern Europe. From 1500 A.D. to 1919. Text: Hayes' Social and Political History of Modern Europe. Vol. 1 and 2.

T., W., Th., 8:00. Three hours credit each term.
Section I.

T., W., Th., 2:30. Three hours credit each term.
Section II.

History 33abc, prerequisite for all courses in History.

Asst. Prof. Garrett.

History 55a. History of England from Norman Conquest to the time of the Tudors.

T., W., F., 1:30. Three hours credit.

Asst. Prof. Garrett.

History 55b. History of England from time of Tudors to 1800.

T., W., F., 1:30. Three hours credit.

Asst. Prof. Garrett.

History 55c. History of England in Nineteenth Century.

T., W., F., 1:30. Three hours credit.

Asst. Prof. Garrett.

History 71a. The German Reformation. A study of social and political life of Germany from 1518 to 1560.

T., Th., S., 10:30. Three hours credit.

Asst. Prof. Garrett.

History 71b. The French Revolution. A survey of the cause and results of the movements of the period.

T., Th., S., 10:30. Three hours credit.

Asst. Prof. Garrett.

History 71c. The Rise of Italy.

T., Th., S., 10:30. Three hours credit.

Asst. Prof. Garrett.

History 29b. Ancient History: The Rise and Influence of the Greeks.

T., W., F., 9:00. Three hours credit.

Asst. Prof. Garrett.

History 29c. Ancient History: The Roman Empire.

T., W., F., 9:00. Three hours credit

Asst. Prof. Garrett.

History 51a. The Colonial Period of American History. A study of the discovery and settlement of America and the rise and development of the thirteen colonies. Three hours credit.

T., W., S., 11:30.

Asst. Prof. Woolery.

History 51b. The Formation of the American Nation. A study of the formation of the Federal Government, tracing its social and political history to 1840. Three hours credit.

T., W., S., 11:30.

Asst. Prof. Woolery.

History 51c. The Division and Reunion of the United States. A study of the rise of slavery and other social and political forces that entered into the Civil War. Three hours credit.

T., W., S., 11:30.

Asst. Prof. Woolery.

History 72a. The United States in Our Own Times. A survey of the nation's life since 1870, including a study of the economic growth and entrance into world politics. Text, Andrews' United States in Our Own Times. Three hours credit.

W., Th., S., 9:00.

Asst. Prof. Woolery.

History 72b. The United States in Latin America. A study of the relations taken so far as possible from the

view-point of both sections. Text, Latane, *The United States in Latin America*. Three hours credit.

W., Th., S., 9:00.

Asst. Prof. Woolery.

History 72c. A History of American Diplomacy. A study of the relations between the United States and the nations of Europe and Asia. Text, Moore, *American Diplomacy*. Three hours credit.

W., Th., S., 9:00.

Asst. Prof. Woolery.

ECONOMICS

Economics 52a. Principles of Economics. This course aims to give the fundamental principles that underlie economic life. Three hours credit.

W., Th., F., 1:30.

Asst. Prof. Woolery.

Economics 52b. Continuation of 52a. Three hours credit.

W., Th., F., 1:30.

Asst. Prof. Woolery.

Economics 52c. Money and Banking. A study of the fundamental laws underlying mediums of exchange. Three hours credit.

W., Th., F., 1:30.

Asst. Prof. Woolery.

Economics 71a. Transportation. A study of the modes of transportation, the fundamental purpose of distribution and their relation to civilized life. Three hours credit.

W., Th., F., 2:30

Asst. Prof. Woolery.

Economics 71b. The Labor Problem. A study of labor conditions, capital, trade-unionism, etc. Three hours credit.

W., Th., F., 2:30.

Asst. Prof. Woolery.

Economics 71c. Public Finances and Taxation. A study of the fundamental purpose underlying the systems of taxation that have been tried by the various governments. Three hours credit.

W., Th., F., 2:30

Asst. Prof. Woolery.

POLITICAL SCIENCE

Political Science 61a. The American Government. A study of the rise and principles of the Federal Government. Lectures, readings and reports. Three hours credit. T., Th., S. 8:00. Asst. Prof. Woolery.

Political Science 61b. The Government of England. A study of the fundamental principles of the government of the British Empire. Three hours credit. T., Th., S. 8:00. Asst. Prof. Woolery.

Political Science 61c. International Law. A study of the fundamental international relationships as regards the land, sea and general trade relations. Three hours credit. T., Th., S. 8:00. Asst. Prof. Woolery.

LIBRARY COURSES

Miss Starbuck

11. The course in library science is intended both to train the student to use the college library intelligently, and to make her familiar with the elementary principles of library science in general. Practice is given in the use of the dictionary catalog, and in elementary classification, cataloging, shelf listing, reference work and work with periodicals. During the latter part of the course the student spends most of her practice time at the desk, thus becoming familiar with the practical as well as the theoretical part of library work. Offered each term. Five hours practice, one hour lecture, three hours credit.

12. A course in the use of the library is offered for those who do not wish to give the time required for practice work in the Library 11a. This course is intended to train the students to know and utilize the resources of the college library without attempting to teach them more than the most elementary principles of library science. It consists principally in training in the use of the dictionary catalog, in finding books on the shelves by the Dewey classification, and in the use of some of the most important reference books. Two hours a week, lecture and practice work combined. Credit, one hour.

DEPARTMENT OF MATHEMATICS**Professor Cramblet**

Mathematics 11abc. Freshman Mathematics. A study of the elementary functions, algebraic and transcendental and their applications, graphical and analytic solution of problems, the theory of measurement and the slide rule. Twelve hours credit the year.

Section I. 9:00 T., W., T., F.

Section II. 11:30 T., W., F., S.

Mathematics 12a. Mechanical Drawing. Geometric problems, conic sections, orthographic, isometric and oblique projection surfaces and spirals.

Prerequisite, same as for Course 11.

T., W., Th., F., at 1:30, and, four hours additional. Four hours credit.

Mathematics 12bc. Surveying. Compass and transit surveying, leveling, topographical work and map making. The department is well equipped to give adequate work in this course.

Prerequisite, 11abc, and 12a.

Recitation T., F., at 1:30. Saturdays or Mondays must be reserved for field work. Four hours credit.

Mathematics 31abc. Differential and Integral Calculus. With numerous applications to the tracing of curves and the solution of problems from geometry and mechanics.

Prerequisite, Course 11.

T., Th., S., at 8:00. Nine hours credit the year.

Mathematics 51abc. Theoretical Mechanics. Especial attention is given to the graphical solution as a help in understanding the analytical solution of problems, conditions of equilibrium, concurrent and parallel forces, friction, inertia rectilinear and curvilinear motion, translation and rotation.

T., Th., F., at 10:30. Nine hours credit the year.

Mathematics 52abc. Advanced Calculus.

Prerequisite, Course 31abc.

Time to be arranged. Three hours credit per term.

Mathematics 72a. The Foundations of Algebra. Cer-

tain considerations in the theory of numbers and the theory of equations.

Hours to be arranged. Three hours credit.

Mathematics 72b. The Foundations of Geometry. A study of axioms and the conditions of necessary and sufficient proof.

Hours to be arranged. Three hours credit.

Mathematics 72c. The Pedagogy of Secondary Mathematics.

Hours to be arranged. Three hours credit.

DEPARTMENT OF MODERN LANGUAGES

Professor _____
Assistant Professor Butzer

German

German 12abc. Study of grammar, drill in conversation. Reading of short stories and plays.

(No credit given for less than a year's work.)

T., W., Th., F., 11:30. Four hours credit.

Professor _____

German 13abc. Grammar and conversation continued. Composition. Reading of modern German authors: Keller, Heyse, Ludwig, etc.

Prerequisite: German 12 or two years high school German.

(No credit given for less than a year's work.) Three hours credit.

German 32abc. Study of representative works of Schiller, Lessing, Heine, etc.

Prerequisite: German 12 and 13.

W., F., S., 8:00. Three hours credit.

Professor _____

German 52abc. Study of Goethe, Hebbel, Sudermann, Hauptmann, etc.

Prerequisite: German 12 and 13.

(Not offered 1921-1922.) Three hours credit.

32 and 52 alternate. In both courses, German should

be the main language of the classroom. Outside readings and reports are required.

French

French 11abc. Thorough drill in fundamentals of French grammar throughout the year. Proper attention given to phonetics. Reading of short stories.

T., W., Th., F., 8:00, Section 1; T., W., Th., F., 1:30, Section 2.

(No credit given for less than a year's work.)

Asst. Prof. Butzer.

French 31abc. A more extended study of grammar together with composition. Modern French stories and plays are read. Practice in conversation.

Prerequisite, French 11. (No credit given for less than a year's work.)

T., Th., F., 1:30. Three hours credit.

Professor _____

French 51 a and b. Literature of the 19th century. Such authors as Victor Hugo, Balzac, Musset and others are read.

French 51c. Contemporary French drama. Plays by such authors as Augier, Dumas, Hervieu, Bataille, Bernstein, are read.

Three hours credit per term. Prerequisite: French 11 and 31 or their equivalent. T., Th., S., 8:00.

Professor _____

French 61ab. Literature of the 17th century: Corneille, Racine, La Fontaine and other authors.

French 61c. Survey course of French Literature.

(61abc not offered in 1921-1922.)

(Prerequisite: Same as for French 51.)

In courses 51 and 61 the work is conducted mainly in French. Outside readings and reports are required.

Spanish

Spanish 11abc. A thorough study of the fundamentals of Spanish grammar. Reading of Spanish short stories

and plays. Practice in conversation. Phonetics.
 (No credit given for less than a year's work.)
 T., W., Th., S., 10:30. Four hours credit.

Professor _____

Spanish 31abc. Study of grammar continued. Oral and written composition. Conversation in Spanish. Reading of authors like Alarcon, Valdes, Galdos, etc.

Prerequisite: Spanish 11. (No credit for less than a year's work.)

W., F., S., 9:00. Three hours credit.

Professor _____

Spanish 51abc. Study of modern authors: Hartzenbusch, Benavente, Galdos, Valera, etc. Outside readings and reports.

Three hours credit.

DEPARTMENT OF NEW TESTAMENT AND BIBLICAL DOCTRINE

Professor Carpenter
 Assistant Professor Green

COURSES IN ENGLISH

New Testament 11. A full year is given to the study of the Four Gospels. The aim of the course is (1) to secure familiarity with the English text of the four books Matthew, Mark, Luke, and John, and (2) to present a sane interpretation of their religious message. The text used is "A Harmony of the Gospels" by Stevens and Benton.

New Testament 11a. Life of Christ. The story of the Four Gospels from the birth of Jesus to his second rejection at Nazareth—Section 1 to Section 61 inclusive in the text.

T., W., Th., F., 10:30. Four hours credit.

Professor Carpenter.

New Testament 11b. Life of Christ. Continuation of New Testament 11a, from the second rejection at Nazareth

to the anointing of Jesus by Mary at Bethany—Section 62 to 118 inclusive in the text.

T., W., Th., F., 10:30. Four hours credit.
Professor Carpenter.

New Testament 11c. Life of Christ. Continuation of New Testament 11b, from the anointing of Jesus by Mary at Bethany to the Ascension of Jesus—Section 119 to Section 151 in the text.

T., W., Th., F., 10:30. Four hours credit.
Professor Carpenter.

New Testament 31. The historical study of The Acts and Epistles, with special attention given to securing a ready command of the English text. The religious message and doctrinal teachings are carefully noted with sufficient introductory material to furnish settings for the various books covered. Burton's "Records and Letters of the Apostolic Age" is the text.

Prerequisite—Forty-five hours of college credit.

New Testament 31a. The Acts and Epistles. The study of The Acts from the Ascension of Jesus to Paul's Third Missionary Journey.—Acts 18-23, with the Epistles James, I and II Thessalonians, and Galatians.

T., Th., F., S., 8:00. Four hours credit.
Professor Carpenter.

New Testament 31b. The Acts and Epistles. Continuation of New Testament 31a, covering the rest of The Acts from Paul's Third Missionary Journey—Acts 18-23 to his imprisonment in Rome, Acts 28-31, and the Epistles I and II Corinthians, Romans, Philippians and Philemon.

T., Th., F., S., 8:00. Four hours credit.
Professor Carpenter.

New Testament 31c. Epistles and Revelation. Continuation of New Testament 31b, covering the remaining books of the New Testament, Colossians, Ephesians, I and

II Timothy, Titus, I and II Peter, Hebrews, Jude, I, II and III John and Revelation.

T., Th., F., S., 8:00. Four hours credit.
Professor Carpenter.

General Bible 21. A general course covering the history of the Old Testament in outline, The Synoptic Gospels and The Acts with The Epistles. For non-ministerial students. Ministerial students taking this course will not receive credit toward their degree. (Non-ministerial students may elect a year in the English Bible courses—if they have conflict—in either the Old or New Testament.)

General Bible 21a. An outline of Old Testament History with readings in the Old Testament books.

T., Th., S., 11:30. Three hours credit.
Professor Carpenter.

General Bible 21b. .The Life of Jesus as found in the Synoptic Gospels. The readings will be in Matthew, Mark and Luke.

T., Th., S., 11:30. Three hours credit.
Professor Carpenter.

General Bible 21c. The growth of the New Testament Church with special reference to the labors of the Apostle Paul. Readings will be in The Acts and Epistles.

T., Th., S., 11:30. Three hours credit.
Professor Carpenter.

New Testament Introduction 101. The course will include a study of subjects pertaining to the New Testament Text and Canon. Lectures with much assigned reading. Prerequisites, New Testament 11abc and 31abc. Open to Seniors. Continuous course through the year.

New Testament Introduction 101a. The text of the New Testament and the formation of the New Testament Canon.

T., W., F., 9:00. Three hours credit.
Professor Carpenter.

New Testament Introduction 101b. The dates, authorship, credibility, &c., of the New Testament books.

T., W., F., 9:00. Three hours credit.
Professor Carpenter.

New Testament Introduction 101c. Inspiration of the New Testament Books and the more important critical problems.

T., W., F., 9:00. Three hours credit.
Professor Carpenter.

BIBLICAL DOCTRINE

Biblical Doctrine 53a. An introductory study of the prominent doctrines of the Bible.

T., Th., S., 8:00. Three hours credit
Text—Clark's Outline of the Christian Theology.
Assistant Professor Green.

Biblical Doctrine 53b. Scheme of Redemption. A careful study of the Bible doctrine of salvation.

T., Th., S., 8:00. Three hours credit.
Assistant Professor Green.

Biblical Doctrine 53c. A continuation of 53b.

T., Th., S., 8:00. Three hours credit.
Assistant Professor Green.

Biblical Doctrine 71a. A detailed study of the Bible doctrines of God, of Man, of Sin, of Reconciliation.

W., Th., F., 2:30. Three hours credit.
Assistant Professor Green.

Biblical Doctrine 71b. A careful study of the doctrines of the Messiah, of the Holy Spirit, of Immortality, of Rewards, of Punishments.

W., Th., F., 2:30. Three hours credit.
Assistant Professor Green.

Biblical Doctrine 71c. A careful study of the doctrine of the Kingdom of God, of Inspiration, of Prayer, of Last

W., Th., F., 2:30. Three hours credit.
Assistant Professor Green.

Biblical Doctrine 102a. History of Christian Doctrine. A careful study of the doctrines of the church from the Apostolic Age to the beginning of the Middle Ages.

T., Th., F., 1:30. Three hours credit.
Assistant Professor Green.

Biblical Doctrine 102b. A History of Christian Doctrine. A survey of the developments in the church during the Mediaeval and Modern times.

T., Th., F., 1:30. Three hours credit.
Assistant Professor Green.

Bible Doctrine 102c. A History of Christian Missions. A study of the doctrine of missions and a brief survey of the more prominent missionary enterprises of the church.

T., Th., F., 1:30. Three hours credit.
Assistant Professor Green.

HOMILETICS

Homiletics 51a. The Theory and Practice of Preaching. A careful study of the purposes which underlie the preparation and delivery of sermons.

W., F., S., 11:30. Three hours credit.
Assistant Professor Green.

Homiletics 51b. Sermons and Sermonizing. Some of the sermons of the great preachers will be studied as models. Sermon outlines will be prepared and criticised.

W., F., S., 11:30. Three hours credit.
Assistant Professor Green.

Homiletics 51c. The Preacher as Pastor. A study of the work of the Christian ministers in relations to the congregation which he serves.

W., F., S., 11:30. Three hours credit.
Assistant Professor Green.

DEPARTMENT OF OLD TESTAMENT

Professor Calhoun

COURSES IN ENGLISH BIBLE

Old Testament 11. This course presents the student an opportunity to gain a thorough knowledge of what the English Bible has to say concerning the history of the world in general and of the people descended from Abraham until the establishment of the Hebrew Kingdom. The Bible narrative will be supplemented by other parallel accounts as far as these are known.

Old Testament 11a. History from the creation to the Exodus. T., W., Th., S., 10:30. Four hours credit.

Old Testament 11b. The history between the Exodus and the settlement in Canaan. T., W., Th., S., 10:30. Four hours credit.

Old Testament 11c. The history from the Settlement in Canaan to the end of the period of the Judges. T., W., Th., S., 10:30. Four hours credit.

Old Testament 12. This course traces the history from the establishment of the Kingdom under Saul to the end of the history as contained in the Protestant English Bible. The prophets of Israel are placed historically and the setting of each one's message is considered. This course alternates with Old Testament 11, the two comprehending a complete course in Old Testament history. (Not offered 1921-1922.)

Old Testament 12a. The history of the Kingdom under Saul and David. T., W., Th., S., 11:30. Four hours credit.

Old Testament 12b. The history from Solomon to the fall of the Kingdom under Zedekiah. T., W., Th., S., 11:30. Four hours credit.

Old Testament 12c. The history of Captive Israel from the time of Daniel to that of Nehemiah.

T., W., Th., S., 11:30. Four hours credit.

Old Testament Concomitata 13. This course is intended to cover all those subjects which, while not in the Old Testament, should accompany it, furnishing a proper background for all other Old Testament Courses.

Old Testament 13a. Old Testament Geography.

Old Testament Geography is studied including a complete survey of all the lands and countries mentioned in the Old Testament, with special attention to Palestine. The text book is Hurlburt's Biblical Geography, with McGarvey's Lands of the Bible, and Kent's Biblical Geography and History as reference books.

T., Th., 8:00. Two hours credit.

Old Testament 13b. Contemporaneous History. The history contemporaneous to the Old Testament is studied, beginning with Hammurabi's Kingdom, and including Egypt, Syria, Assyria, Babylonia and Persia.

T., Th., 8:00. Two hours credit.

Old Testament 13c. Intermediate History. A study of the History of Israel between the Old Testament and the New is made. Special attention is given to the Old Testament apocrypha and parties existing when the New Testament opens. The history of the nations is also studied.

T., Th., 8:00. Two hours credit.

Old Testament 51. Old Testament Literature. This course is devoted to a study of the different types of literature found in the Bible.

Old Testament 51a. Legal Literature. This course affords a thorough study of the Law of Moses. Its laws are arranged in the nine groups in which they were originally given, and each group is studied in its original set-

ting. The laws are also divided into the civil and religious codes and these are compared with the cods of Hammurabi and with our present day laws

W., F., 8:00. Two hours credit

Old Testament 51b. Poetical Literature. The poetry of the Old Testament is studied with special emphasis upon the Psalms and upon the Wisdom Literature.

W., F., 8:00. Two hours credit.

Old Testament 51c. Prophetic Literature. Old Testament Prophecy is studied. Its peculiarities and purposes are developed and the more prophetic messages are considered. Special attention is given to Isaiah, Daniel and the Twelve Minor Prophets.

W., F., 8:00. Two hours credit.

Old Testament 102. Old Testament Introduction.

Old Testament 102a. The Old Testament Canon. This course covers the more important Textual and Historical Problems pertaining to the Old Testament Books. The conservative and destructive views are both presented and the argument of both sides for and against the 39 books of the Protestant Old Testament are considered in detail.

W., S., 9:00. Two hours credit.

Old Testament 102b. The Principles of Criticism. A careful study of the principles of Biblical Criticism both textual and historical is made, and a comprehensive syllabus of these principles is presented. There are numerous lectures and there is much prescribed reading.

W., S., 9:00. Two hours credit.

Old Testament 102c. The Practice of Criticism. A general application of these principles to different Old Testament books is made, the authorship of Deuteronomy is considered in detail, as is also that of Isaiah and Daniel.

W., S., 9:00. Two hours credit.

COURSES IN HEBREW

Old Testament 81abc. The Hebrew Language. This course is intended to give the student such a knowledge of Hebrew as to enable him to prosecute its further study without the aid of a teacher should he so desire. Written translations of Hebrew into English and of English into Hebrew are required throughout the year, and the thorough analysis of all fundamental forms is required.

T., W., Th., F., 1:30-3:30. Four hours credit.

Old Testament 111. Hebrew Literature. Covers as fully as possible the different types of literature in the Hebrew Bible, together with a most careful review of the fundamental principles of the language. Much attention is given to the acquirement of a good vocabulary. A knowledge of the laws for the analysis and combination of all current forms is insisted upon.

Old Testament 111a. Selections from historical books are read. W., S., 9:00. Two hours credit.

Old Testament 111b. Selections from Poetical books are read. W., S., 9:00. Two hours credit.

Old Testament 111c. Selections from Prophetic books are read. W., S., 9:00. Two hours credit.

DEPARTMENT OF PUBLIC SPEAKING.**Professor Calhoun**

Public Speaking 31a. The fundamental principles of expression. The correct methods of thought, feeling and will as these processes are related to expression. The principles governing correct tones, words, facial expression and gesture. Practice to illustrate these principles.

T., W., F., 10:30. Three hours credit.

Public Speaking 31b. The practice of the foregoing

principles as applied to general exercises in expression.

T., W., F., 10:30. Three hours credit.

Public Speaking 31c. The practice of **special** forms of literature.

T., W., F., 10:30. Three hours credit.

Public Speaking 32. Elective. Open to such students only as have had 31abc or its equivalent.

Public Speaking 32a. The principles governing the correct classification of literary productions. The principles of art criticism as applied to expression. Practice in the application of these principles.

T., Th., 1:30. Two hours credit.

Public Speaking 32b. The practice of dramatic literature.

T., Th., 1:30. Two hours credit.

Public Speaking 32c. The study and practice of discussion and debate.

T., Th., 1:30. Two hours credit.

Public Speaking 33a. The practice of Scripture Reading.

W., F., 1:30. Two hours credit.

Public Speaking 33b. The study of Hymnology and the practice of Hymn Reading.

W., F., 1:30. Two hours credit.

Public Speaking 33c. The Delivery of Sermons.

W., F., 1:30. Two hours credit.

DEPARTMENT OF PHILOSOPHY AND PSYCHOLOGY

Professor Leitch

Philosophy 37abc. Psychology General and Applied.

A continuous course dealing with the nature of mental life, its physiological conditions, its development, etc. A

special study is made of the more important phases of consciousness and behavior such as instinct, habit, attention, interest, sensation, perception, association, imagination, memory, the higher thought processes, emotion, the will, self, etc.; the methods and fields of psychology; the applications of psychological principles to law, medicine, business, industry, education, and the problems of every day life. Simple psychological experiments illustrating the subject matter studied. Students electing this as a four hour course must put in one laboratory period of two hours each week in addition to regular hours of recitation.

T., Th., S., 9:00. Three or four hours credit.

Philosophy 41a. Logic. A study of the nature and function of thought; the principles and methods of scientific thinking; immediate and mediate inference; fallacious reasoning.

T., Th., S., 10:30. Three hours credit.

Philosophy 41bc. Ethics. A study of the nature, origin and development of morality in its relation to the biological, social and religious sides of human nature; the more important ideals of conduct; readings in the greater ethical thinkers: Buddhism, Plato, Aristotle, Christian Ethics, Kant, etc.; the nature of happiness; duty and the conflict of duties; freedom and responsibility; the application of moral principles to the concrete problems of individual and social life.

T., Th., S., 10:30. Three hours credit each term.

Philosophy 56a. Psychology of Personality. A study of the more important phenomena of the Self; the capacities, tendencies and instincts of man; the influence of environment; the fundamental causes of human conduct; normal mental life in the light of the abnormal. Prerequisite, after 1921, Phil. 37abc.

T., Th., S., 11:30. Three hours credit.

Philosophy 56b. Psychology of Learning and Work. An analysis of the learning process; efficiency and skill; practice and improvement; the transfer of training; men-

tal work and fatigue; individual differences. Special attention is given to the practical applications of the subject.

T., Th., S., 11:30. Three hours credit.

Philosophy 56c. Psychological Measurements. A study of tests and scales for the measurement of ability and attainment, and their significance for vocational guidance, in industry and in education.

T., Th., S., 11:30. Three hours credit.

Philosophy 53abc. History of Philosophy; Ancient, Mediæval and Modern. An introduction to Philosophy through a study of the rise and development of philosophic thought in the Greek, Roman, mediæval and modern periods. The aim is to prepare the student to face present day problems by familiarising himself with the typical and recurring problems of thought and the solution of these problems offered by the world's great thinkers. Additional work prescribed for students desiring to elect this as a four hour course.

T., Th., S., 8:00. Three or four hours credit each term.

Philosophy 71abc. Contemporary Philosophy. A study of present philosophical tendencies. Selections will be read from the writings of various philosophers: Royce, Bosanquet, James, Dewey, Bergson, and others. A continuous course. Three hours each term. Prerequisite, Phil. 53abc. (Not offered 1921-1922.)

Philosophy 73abc. Individual Philosophers and Movements. A first hand study of the systems of outstanding philosophers such as Plato, Aristotle, Kant, etc., and of important movements in the history of philosophy, such as Stoicism, Scholasticism, English Empiricism, Continental Rationalism, German Idealism, etc. A term will be devoted to each, different ones being studied during succeeding years. Prerequisite, Phil. 53abc.

(Not offered 1921-1922.)

Philosophy 74a. History of Religion. A study of non-

Christian religions with special attention to their philosophical aspects. (Not offered 1921-1922.)

Philosophy 74b. Psychology of Religion. A psychological study of the nature and development of religious consciousness and behavior. (Not offered 1921-1922.)

Philosophy 74c. Psychology of Religion. A discussion of some of the chief philosophical problems of religion, such as the relation of religion to other types of experience, the religious ideal, the idea of God, the problem of religious knowledge, the belief in immortality, the problem of evil, etc. (Not offered 1921-1922.)

DEPARTMENT OF PHYSICAL EDUCATION

Mr. Buland
Miss Butzer

This department affords opportunity for physical training for both men and women. Experience has shown the necessity, under modern conditions, of counteracting the deleterious effects of close mental application by carefully directed exercise of the body. To meet these needs regularly organized classes in gymnasium and open air training are maintained. Individual work is encouraged. Measurements, weights, etc., will be taken and appropriate exercise for building up the weak parts will be given.

In connection with the work for men intercollegiate teams are developed and maintained in football, baseball and basketball, track and field athletics, and tennis. Each man below the rank of Junior is examined on entering school and assigned to work best suited to him. A minimum of two hours per week in gymnasium or field is required of those who are physically able. Each man may make choice of the work he is to do, provided he is adjudged able to do that work.

Men who work a full season on the football squad may be excused from work in the winter term.

Training for Coaches

During each session two classes for coaches in the game being played at that time are organized. One is for those who have never taken part in the game under consideration, and the other, an advanced class, is for those participating in the particular game.

These courses are designed for those who expect to teach. The class for beginners is especially interesting and helpful.

Along with these courses instruction in financial management, the making of schedules and in publicity as related to intercollegiate athletics is given.

Interclass contests are encouraged and held under the direct supervision of the director.

Physical training for women of the college is fostered by gymnasium classes and by interclass games and sports.

For Men

For exercise and drills with light appliance, such as dumb-bells, wands, Indian clubs, etc.

Wall weights, graded apparatus and mat exercises.

Class work in athletic exercises such as sprinting, jumping, vaulting, hurdling, cross country running, swimming, etc.

For Women

The department of physical education for women requires two periods per week in gymnastic and athletic work. This work includes tactics, setting up exercises, games, gymnastic and folk dancing and competitive interclass games in basket ball, volley ball, and indoor loose ball. The purpose of this department is to keep the student physically fit as well as to provide recreation and relaxation. Physical training is required of all women students in normal condition. One hour credit is given.

PHYSICAL TRAINING COURSES FOR WOMEN**Miss Butzer**

11abc. An elementary course in gymnasium work which includes simple practices in tactics, Swedish and corrective exercises, games, gymnastic and folk dancing.

No prerequisite

One hour credit. Recitations W., F., 9:00 or 3:30.

31abc. An advanced course in gymnasium work which will include apparatus work and the more difficult forms of exercises, games, dances, etc.

Prerequisite, Physical Training 11abc or an equivalent of one year's work.

One hour credit. Recitations W., F., 2:30.

Physical Education 32. A brief course in the theory and fundamentals of gymnastic teaching. A course designed to help those who may wish to teach Physical Education.

Prerequisite, Physical Education 11abc.

One hour credit. Recitation S., 10:00.

Offered only in Fall Term.

DEPARTMENT OF PHYSICS**Professor —————**

Physics 31abc. General Physics. This course includes a discussion of the general principles of Physics together with laboratory work of such a character as to illustrate the various phases of the subject. The first term is devoted to a study of mechanics and sound, the second to heat and light and the third to magnetism and electricity. Attention is given to practical problems.

Prerequisites, Mathematics 11abc and an elementary knowledge of General Chemistry.

Lectures T., Th., 2:30. Laboratory W., F., 2:30-4:30

Four hours credit each term

Physics 51abc. Advanced Physical Measurements.

The work of this course includes measurements in mechanics, sound, heat, light and electricity. Practice in the use of instruments of precision.

Prerequisites, Physics 31abc, Analytical Geometry and Calculus. Hours to be arranged.

Three hours credit each term

Physics 52abc. History of Physics. A course dealing with the historical development of Physics. Lectures and reports on assigned topics.

Prerequisite, Physics 31abc. W., S., 8:00.

Two hours credit each term.

Physics 53abc. Theoretical Physics. A purely theoretical course, devoted to the higher phases of the kinetic theory, thermodynamics, electricity, magnetism and radiation. The spring term will be given to a discussion of physical optics, diffraction and interference.

Prerequisites, Physics 31abc and Calculus.

Three hours credit each term

Physics 54abc. The Teaching of Physics. A course intended for teachers and those preparing to teach science. Offered when demanded by a sufficient number of students who have completed at least twenty hours of work in Physics.

One hour credit each term

DEPARTMENT OF RELIGIOUS EDUCATION

(Herbert Moninger Foundation of Bible School Pedagogy)

Professor Miller

Religious Education 31a. History of Religious Education. A historical study of the development of educational practice and theory within organized Christianity, including present movements and tendencies in religious education. Special study is made of the Bible School from its genesis to the present time

T., W., F., 9:00. Three hours credit.

Religious Education 31b. Methods of Religious Education. A study of methods of teaching and class management, including class organization and expressional activities. Teacher training receives special attention.

T., W., F., 9:00. Three hours credit.

Religious Education 31c. Materials of Religious Education. Principles underlying the selection and preparation of lesson material will be studied. A critical analysis of graded and other material at present available in religious education. Consideration will be given to the building up of a curriculum and to the correlation of Bible School and Public School programs.

T., W., F., 9:00. Three hours credit.

Religious Education 51a. Theory of Religious Education. This course deals with the fundamental principles of religious education. Especial attention is given to the functions of the family, the church, and the state.

T., W., F., 10:30. Three hours credit.

Religious Education 51b. Organization of Religious Education. Principles of the organization of religious education will be studied. Educational aspects of worship, social service, and graded expressional activities will be considered. The problem of a practical organization for young people will be included in this course.

T., W., F., 10:30. Three hours credit.

Religious Education 51c. Philosophy of Religious Education. Some time is given to a study of the nature and development of religion. Facts of religious educational experience are taken up in an effort to determine their significance as they relate themselves to human life.

T., W., F., 10:30. Three hours credit.

Religious Education 71a. Psychology of Childhood. An advanced course to include an exhaustive study of the facts of mental development throughout childhood with

special reference to the problems of moral and religious education. Prerequisite, Psychology 37ab.

T., W., F., 2:30. Three hours credit.

Religious Education 71b. The Psychology of Adolescence. A continuation of Religious Education 71a, devoted to a comprehensive study of adolescence from the standpoint of moral and religious development. Prerequisite, Psychology 37abc.

T., W., F., 2:30. Three hours credit.

Religious Education 71c. The Psychology of Worship. This course deals with the educational aspects of worship from the genetic viewpoint, and studies the function of worship in a religious educational system. Prerequisite, Psychology 37abc.

T., W., F., 2:30. Three hours credit.

DEPARTMENT OF SOCIAL SCIENCE

Professor Miller

Sociology 51ab. Principles of Sociology. Aims to acquaint the student with the fundamental principles of society and social development. Prerequisite, 80 hours college credit.

T., W., F., 11:30. Three hours credit each term.

Sociology 51c. Rural Sociology. A study of social, economic, and religious conditions in rural communities. The place of the rural church in a country community will receive especial attention. Constructive and remedial forces will be emphasized. Prerequisite, Sociology 51ab.

T., W., F., 11:30. Three hours credit.

Sociology 71a. The Dependent. This course presents a study of causes, with an analysis of remedial forces and preventive agencies. Includes also principles and methods of practical philanthropy. Prerequisite, Sociology 51abc.

T., W., F., 8:00. Three hours credit.

Sociology 71b. The Delinquent. This course includes a study of the nature of crime, treatment of the criminal, evaluation of present remedial systems, and a careful analysis of the best corrective agencies. This course includes also a study of the Defective. Prerequisite, Sociology 51abc.

T., W., F., 8:00. Three hours credit.

Sociology 71c. The Immigrant. The course opens with a brief study of racial characteristics, followed by a careful study of our national problem of immigration. The aim is to weigh and test available information on the subject. Prerequisite, Sociology 51abc.

T., W., F., 8:00. Three hours credit.

DEPARTMENT OF MUSIC AND ART

MUSIC

Professor Moos

Mrs. Moos

Students are examined upon enrollment and are assigned to such classes as they are prepared to enter.

A liberal, all-embracing education having been the aim of Bethany College from its very inception, music has for years been given its proper place in its curriculum. Teachers of wide experience, with European training, progressive, up-to-date, have presided over this department, and its work has always been recognized as possessed of a breadth and thoroughness generally found only in the large art centers. Not a mere musical smattering, but a well-grounded knowledge and mastery of the art, theoretical and practical, is the aim constantly kept in view. Whether music is pursued as a mere accomplishment or

with a view to future teaching, only the best is considered worth striving for.

Recognizing the intellectual and spiritual value of a complete course in the art of Music, Bethany College follows the example of other institutions at home and abroad by making the study of Musical Theory one of the elective courses of the college, and allows the same to be used for credit toward a baccalaureate degree. No more than eighteen hours will be allowed. Claims for such must be accompanied by the director's certificate specifying the work done.

Students of the Music Department are required to pursue at least one study in some other department of the college.

COURSES OF STUDY

Full courses of four years are offered in Piano, Voice Organ, and Musical Theory, leading to Diplomas with the degree of Bachelor of Music when the work is completed. For those desiring to fit themselves as teachers of the Piano, a Teachers' Course is offered.

Teachers' Certificates will be given to those completing the first three years of the collegiate course in Piano, Voice, and Organ together with the first three years of the work in Theory and the Teachers' Training Course. A certificate will be awarded to those who have completed the entire course in their major study and in Theory, have given a creditable public recital, and whose progress in their literary studies satisfies the demands made for entrance into the regular college courses as described elsewhere.

THE TEACHERS' TRAINING COURSE

A course extending over two years, with two weekly recitations, including lectures on teaching methods, ob-

servation and practice teaching, is offered to those wishing to qualify as teachers.

THE COURSE IN THEORY

This course embraces four years.

First Year — Beginning Harmony.

Second Year — Advanced Harmony.

Third Year — History of Music and Musical Analysis.

Fourth Year — Counterpoint and Fugue.

The work of the third year may be taken during the second year.

FEEES

Piano and Organ, two lessons a week, with the director.....	\$25.00
Piano and Organ, one lesson a week, with the director.....	13.00
Piano, two lessons a week, with assistant.....	20.00
Piano, one lesson a week, with assistant.....	11.00
Voice, two lessons a week.....	20.00
Voice, one lesson a week.....	11.00

All lessons are private and of thirty minutes duration, and the duration of each term is about 12 weeks.

Harmony, Musical Analysis, Musical History, Counterpoint, Fugue and the Teachers' Training Course are taught in classes meeting twice a week. The tuition for each branch is \$8.00 per term.

Pianos for practicing purposes may be rented at the college at the rate of \$2.00 for the term, one hour each day; two hours each day, \$5.00, etc. Organ practice, one hour each day, per term, \$10.00.

ART

Miss Steindorf

PUBLIC SCHOOL DRAWING

A course is offered for all who wish to make use of art in the public schools. Work is planned for each grade in the schools for each month.

In the above course the following mediums are used: Water color, charcoal, india ink, pencil, crayon.

DESIGN AND COMPOSITION

This course is designed to develop appreciation of harmony of line, space and color. It brings into play the creative imagination and establishes a basis for critical judgment along all art lines.

Nature motives are used. Problems in color and line, as applied to decoration, are worked out in linen, etc.

This course offers training, in form, and the study of neutral values, and light and shade as related to color.

Opportunity is given for outdoor sketching and study from life.

PRIVATE ART

This course is given for those who wish to pursue their art study along special lines. Work may be taken up in studies from life made in charcoal, pen and ink, pencil and oil. Special course in design and still life in oils, charcoal and water color; also outdoor sketching.

TUITION

STILL LIFE IN COMPOSITION

Tuition—Eight hours per week, per term.....\$12.00
Four hours per week..... 6.00

Not more than twelve hours college credit will be allowed for work done in this department. Two hours work will count for one hour of credit.

SUMMER SCHOOL

The Eighteenth Annual Summer School of Bethany College will be held from June 19th to July 29th.

THE PLACE OF THE SUMMER SCHOOL IN THE EDUCATIONAL WORLD

The Summer School is comparatively a recent innovation in the educational world. Its growth since its inception in the colleges and universities of the country has been quite remarkable. This is so because it meets the needs of the times. This is a strenuous age. Competition everywhere is fiercer than ever before. The fittest survive; hence the importance of grasping every opportunity for advanced positions not only of enlarged remuneration, but also of more efficient and more honorable service. Students pursuing regular college courses may save much time by taking advantage of the Summer School.

THE FACULTY

The Faculty of the Summer School will include several members of the Bethany and other college faculties. The work will be thorough and every effort will be made to equal the highest college requirements.

PURPOSES OF THE SUMMER SCHOOL

1. To offer teachers and those preparing to teach opportunity for larger service in their chosen profession.
2. To offer students of all colleges, and especially Bethany, work that may be credited upon the regular college course.

3. To provide courses of study adapted to the needs of all.

The work is intensive and thorough.

CREDIT

A student in the Summer School may complete ten and one-half term hours of college work or one unit of preparatory work. One hundred and eighty-six hours of college grade are required for any of the baccalaureate degrees. Fifteen units of preparatory work are required for college entrance.

EXPENSES

For \$5.00, paid in advance, board, room and tuition are provided to students for the six weeks of Summer School.

Board and rooms are furnished in the college dormitories. This special price supposes that two students occupy each room. If the student prefers to room alone, he may do so by paying \$3.00 additional. Students who do not accept this special advance payment proposition will be charged only the fee for tuition which is \$20.00. Board in Phillips Hall costs Summer School students \$4.75 per week. Room rent, in either the young ladies' or the Norman Phillips Dormitory, costs \$5.00 per term. and room in Percy B. Cochran Hall \$7.00 per term for each student in a room. Occupants of these rooms in the dormitories will provide their own linen and towels and will care for their rooms. All young ladies in attendance at the Summer Session will be expected to room at Phillips Hall unless given permission by the President to room elsewhere.

SPECIAL BULLETIN

A special bulletin of the Summer School is issued by the college. This may be obtained by addressing the Office of the President.

ROLL OF STUDENTS 1920-1921

Abbott, Merritt, Fresh., E. Cleveland, Ohio.
Allen, Samuel, Soph., Bellevue, Pa.
Alcorn, Mildred, Fresh., Hollidays Cove, W. Va.
Adams, John N., Fresh., Perryopolis, Pa.
Anderson, Margaret, Junior, Wilkinsburg, Pa.
Anderson, Harold E., Soph., Springfield, Ill.
Armstrong, John, Fresh., Parkersburg, W. Va.
Arnold, Lois, Soph., Romney, W. Va.

Bailie, Catherine, Fresh., Mingo Junction, Ohio.
Baker, Elizabeth, Junior, Mannington, W. Va.
Baker, Sara, Fresh., Mannington, W. Va.
Balsinger, Herman L., Fresh., Uniontown, Pa.
Balsinger, Maude Anne, Junior, Uniontown, Pa.
Bambrick, Daisy, Fresh., New Cumberland, W. Va.
Barclay, Virginia H., Fresh., Crowe, Virginia.
Bates, Thelma, Fresh., Parkersburg, W. Va.
Baum, Alitha, Fresh., Wellsville, Ohio.
Bebout, Charline, Soph., Mt. Vernon, Ohio.
Bell, Charles, Fresh., Parkersburg, W. Va.
Bell, Robert Wade, Fresh., West Alexander, Pa.
Bemis, E. L., Senior, West Middleton, Pa.
Bente, Alma, Soph., Wheeling, W. Va.
Bente, Elizabeth J., Soph., Wheeling, W. Va.
Berdiales, Benigno F., **Fresh** Havana, Cuba.
Berry, Arthur W., Fresh., Pine Bluff, Arkansas.
Bixler, Vinson, Junior, Michell, Indiana
Blackburn, Katherine, Fresh., Warwood, W. Va.
Blair, H. D., Fresh., Perryopolis, Pa.
Blue, Waylon, Soph., Carthage, N. C.
Boone, Brace Blatner, **Soph** Jacksonville, Fla.
Boyd, Donald L., Senior, Connellsville, Pa.
Bopgher, Russell, Steubenville, Ohio.
Bradt, Thomas W., Special, Aylmer, Ont., Canada.
Bromley, Donald H., Soph., Hickory, Pa.
Bromley, Kenneth M., Fresh., Hickory, Pa.
Buck, Wm. Alvadore, Fresh., Pittsburgh, Pa.
Bucy, Clifford, Junior, Bethany, W. Va.

Bucy, Mrs. Clifford, Junior, Bethany, W. Va.
Bullard, Caroline H., Fresh., Triadelphia, W. Va.
Bunting, Ruth, Fresh., Wellsville, Ohio.
Burig, Mrs. W. Glenn, Fresh., Bethany, W. Va.
Burig, W. Glenn, Postgraduate, Bethany, W. Va.
Burdette, Ethel, Junior, Dennison, Ohio.

Calderwood, Laura, Fresh., Wellsburg, W. Va.
Caldwell, Maud, Fresh., Wellsville, Ohio.
Calhoun, Margaret, Fresh., Bethany, W. Va.
Calvert, Carman, Soph., Clarksburg, W. Va.
Campbell, Grace O., Junior, Peoria, Ill.
Cameron, Glenn, Special, Bryan, Ohio.
Cameron, Mrs. Glenn, Special, Bryan, Ohio.
Campbell, Charles A., Soph., Cortland, Ohio.
Campsey, Harry H., Fresh., Claysville, Pa.
Cannon, Sara Mary, Fresh., Mt. Vernon, Ohio.
Carder, Roscoe H., Fresh., Skull Run, W. Va.
Carlisle, Floyd L., Junior, Utica, Ohio.
Carney, Alice Brower, Fresh., Bethany, W. Va.
Carney, Homer Eugene, Postgraduate, Bethany, W. Va.
Carpenter, Glenn H., Fresh., Lorain, Ohio.
Carpenter, Josephine C., Music, Bethany, W. Va.
Chambers, Genelda, Fresh., Wheeling, W. Va.
Chapman, Clarence M., Senior, Cameron, W. Va.
Coller, Floyd A., Soph., Bowling Green, Ohio.
Cook, Perry J., Soph., Meadville, Pa.
Cook, Xantha A., Fresh., Frederickstown, Ohio.
Cooper, Marvin, Junior, Cox's Mills, W. Va.
Cox, Dessie, Junior, Cameron, W. Va.
Cox, Russell S., Junior, Follansbee, W. Va.
Crandall, Joseph R., Junior, Springport, Ind.
Crandall, Mrs. J., R., Special, Springport, Ind.
Crawford, Mary, Fresh., Steubenville, Ohio.
Crippen, Clara, Fresh., Mount Holly, N. J.
Crooks, Alberta, Fresh., Beallsville, Ohio.
Cundiff, Wood B., Soph., Columbia, Ky.

Darbyshire, Miriam, Junior, McComb, Ohio.
Darsie, Leigh L., Soph., W. Homestead, Pa.

Day, Helen, Senior, Brink Haven, Ohio.
Day, James W., Soph., Crooksville, Ohio.
DeCamp, Alice, Fresh., Moundsville, W. Va.
Deemer, Helen Thompson, Fresh., New Castle, Delaware.
Dent, Lester, Fresh., Littleton, W. Va.
Dornbush, Frank D., Fresh., Steubenville, Ohio.
Dorsey, J. Katherine, Junior, Pittsburgh, Pa.
Dorsey, Newton, Fresh., Clendennon, W. Va.
Donaldson, Frank, Special, Beverly, Ohio.
Dray, Vera, Fresh., E., Liverpool, Ohio.
Dudley, Lysander, Fresh., Parkersburg, W. Va.
Dunn, Finis, **Soph**, Braddock, Pa.
Davis, Homer, Soph., Waterford, Ohio.

Earlywine, Ethel, Fresh., Gambier, Ohio.
Echols, Irsel, Fresh., Littleton, W. Va.
Edwards, Eliza, Senior, Broad Ford, Pa.
Egbert, T. R., **Postgraduate** Bethany, W. Va.
Egbert, Mrs. T. R., Special, Bethany, W. Va.
Ellis, W. R., Junior, Bethany, W. Va.
Elsam, Harold G., Soph., Bethany, W. Va.
Elsam, Ruby G., Junior, Bethany, W. Va.
Esch, Clifford, Steubenville, Ohio.
Evans, Emma, Weirton, W. Va.

Evans, Gomer D., Fresh., Steubenville, Ohio.
Evans, Justine Iris, Fresh., Follansbee, W. Va.
Evans, Winifred, Fresh., Follansbee, W. Va.
Estabrook, Walter S., Soph., Shelby, Ohio.
Elder, Charles V., Senior, Millersburg, Ohio.
Ewart, Clara, Fresh., New Cumberland, W. Va.
Eyrich, Lester J., Fresh., North Bloomfield, Ohio.

Farabee, Florence, Fresh., Washington, Pa.
Farren, Nellie, Fresh., Bethany, W. Va.
Fegan, Margaret, Fresh., Wellsburg, W. Va.
Ferguson, Hazel, Fresh., Hollidays Cove, W. Va.
Ferguson, **Marie** Fresh., Hollidays Cove, W. Va.
Fisher, George, Fresh., Paterson, N. J.
Fitzgerald, Emmett V., Fresh., Parkersburg, W. Va.

Ford, Samuel J., Fresh., Pittsburg, Pa.
Ford, W. Reno, Soph., Pittsburg, Pa.
Fowler, Violette, **Special** Bethany, W. Va.
Francis, Carl C., Soph., Cadiz, Ohio.
Frank, Ira S., Soph., Ephrate, Pa.
Freed, Ella, Fresh., Moundsville, W. Va.

Gandert, Albert H., Fresh., Shelby, Ohio.
Gardner, Lovie E., Fresh., Griton, N. C.
Garrison, Nelle, Fresh., Cameron, W. Va.
Gedoehn, Olive V., Soph., Buffalo, N. Y.
Gilchrist, Bula, Fresh., Brilliant, Ohio.
Gilchrist, Thelma, Fresh., Brilliant, Ohio.
Gilfillan, Helen, Fresh., Pittsburg, Pa.
Gillette, Rosemary, Fresh., Bridgeport, Ohio.
Goettling, Charles C., Junior, Follansbee, W. Va.
Griffith, Lottie M., Junior, Republic, Pa.
Grosshans, D. P., Fresh., E. Liverpool, Ohio.
Gwinn, Charles M., Senior, Meadow Creek, W. Va.

Hagedorn, Helen L., Junior, Bellaire, Ohio.
Hall, Thelma, Fresh., Athalia, Ohio.
Hanna, Milton A., Senior, Cleveland, Ohio.
Hart, Donovan, Fresh., St. Clairsville, Ohio.
Hart, Herman, Fresh., McMechen, W. Va.
Harris, J. H., **Special**, New Philadelphia, Ohio.
Hays, Gladys A., Junior, Gambier, Ohio.
Helfer, Fred W., Senior, Wheeling, W. Va.
Helfer, Walter D., Fresh., Wheeling, W. Va.
Heldreth, Agnes, Fresh., Bethany, W. Va.
Helme, Frank G., Soph., Buffalo, N. Y.
Helphrey, Mary E., Senior, Utica, Ohio.
Henry, Isabel, **Special**, Wellsburg, W. Va.
Hershberger, Don. R., Senior, Wilkes-Barre, Pa.
Hibler, Anna E., Soph., Bethany, W. Va.
Hibler, Marian E., Soph., Bethany, W. Va.
Hibler, Francis, **Special**, Bethany, W. Va.
Higbee, Edna, Fresh., Shadyside, Ohio.
Hill, Helen, Fresh., Wellsburg, W. Va.
Hodge, Frederick Arthur, Jr., Fresh., Wilmington, Del.

Holloway, Marie, Senior, Columbiana, Ohio.
Holman, Grant, Soph., Livingston, Tenn.
Howell, Everett J., Soph., Cuyahoga Falls, Ohio.
Hunter, Minnie G., Senior, Bethany, W. Va.
Hufford, Olive, Fresh., Eighty-Four, Pa.
Hunter, Adah May, Fresh., Colliers, W. Va.
Hurl, Robert D., Fresh., Follansbee, W. Va.
Hurst, James G., **Postgraduate** Glendore, California.
Hughes, Oliver W., Senior, New Philadelphia, Ohio.
Hurt, David, Soph., Pounding Mill, Virginia.
Hurt, Kate, Junior, Pounding Mill, Virginia.
Hurt, Mary, Junior, Pounding Mill, Virginia.
Hussey, Helen, Special, Bethany, W. Va.
Hyatt, Alfred H., Junior, Connellsville, Pa.

Jacobs, C. D., Senior, Mingo Junction, Ohio.
Jacobs, Samuel W., Soph., Wellsburg, W. Va.
James, Gayle, Fresh., Deersville, Ohio.
Jaras, Eastaislao A., Fresh., Tayabas, P. I.
Jean, Walter L., **Special** Dayton, Ohio.
Johnson, Frances, Fresh., Brilliant, Ohio.
Johnson, Wm. McKinley, Junior, E. Springfield, Ohio.
Jones, Frank P., Senior, Uniontown, Pa.
Joseph, Naomi Dott, Fresh., New Lexington, Ohio.

Kagarise, Blanche, Senior, New Enterprise, Pa.
Kagarise, Grace M., Soph., New Enterprise, Pa.
Kelley, Arlan S., Fresh., Parkersburg, W. Va.
Kendle, Ernest F., Soph., Paden City, W. Va.
Kendle, Ferdinand, Soph., Paden City, W. Va.
Kidder, George T., Junior, E. Liverpool, Ohio.
Knapp, L. W., Fresh., Bethany, W. Va.

Lacock, Walter B., Senior, Granville, Ohio.
Lancaster, Nelle E., Fresh., Moundsville, W. Va.
Lancaster, Olive, Fresh., Moundsville, W. Va.
Lacy, Theo M., Fresh., Winding Gulf, W. Va.
Langfitt, Eathel, Fresh., West Union, W. Va.
Langfitt, Edith, Fresh., West Union, W. Va.
Lankler, Ralph C., Fresh., Buffalo, N. Y.

Latto, William T., Senior, Uhrichsville, Ohio.
Laue, Mary K, Fresh., Wheeling, W. Va.
Lee, Grace, Soph., Barberton, Ohio.
Leslie, Ruth, Senior, Uniontown, Pa.
Lessner, J. J., Fresh., S. Brownsville, Pa.
Ligon, Anna Carr, Soph., Hickman, Ky. ..
Ligon, Mary Hardy, Soph., Hickman, Ky.
Lineback, Wm. James, Fresh., Washington, D. C.
Litz, Mattie C, Fresh., Tonawanda, N. Y.
Lidderdale, W. Joe., Fresh., Parkersburg, W. Va.
Leeming, Frank C., Junior, Homestead, Pa.
Linville, J. A., Senior, Claysville, Pa.
Love, Francis J., Fresh., Cadiz, Ohio.
Love, Mary E., Fresh., Cadiz, Ohio.
Lloyd, Sheridan, Junior, Utica, Ohio.
Luce, Ralph W. E., Fresh., Belle Vernon, Pa.
Lukens, Margaret, Fresh., McMechen, W. Va.
Lyerla, Maurice F, Fresh., Columbus, Kansas.
Long, Edna, Fresh., Littleton, W. Va.

Mabie, Helen, Fresh., Weirton, W. Va.
Mallard, Eugene, Special, Pittsburg, Pa.
Manning, Sarah, Fresh., Moundsville, W. Va.
Marling, Maurice L., Fresh., Bellaire, Ohio.
Mackey, Corinne, Junior, Millersburg, Ohio.
Marsh, Alice Mae, Fresh., Warwood, W. Va.
Marsh, Lawton W., Junior, Bowling Green, Ohio.
Mason, Paul L., Fresh., Moundsville, W. Va.
Mason, Wayne E., Soph., Moundsville, W. Va.
Mathews, Wm. J., Fresh., Wellsburg, W. Va.
Meacham, Cameron, Junior, Cincinnati, Ohio.
Metze, Frederic, Soph., Lowell, Ohio.
Miller, Mary Jane, Fresh., Bethany, W. Va.
Miller, Edwin S., Special, Bethany, W. Va.
Miller, Nella M., Soph., Bethany, W. Va.
Marshall, J. R., Junior, South Brownsville, Pa.
Mathias, Chauncey, Fresh., New Philadelphia, Ohio.
Meyer, Estella H., Fresh., Wheeling, W. Va.
Montgomery, W. Kenneth, Soph., Wellsburg, W. Va.
Moser, Nellie A., Soph., Wheeling, W. Va.

Mulkin, Clarence D., Fresh., Lancaster, Ohio.
Mullen, Matis, Soph., Maysville, Ky.
Munger, Dorothy E., Soph., Burgettstown, Pa.
Murray, Stephen E., Fresh., Brooklyn, N. Y.
Murphy, Olive, Junior, Newark, Ohio.
Mullen, John S., Soph., Maysville, Ky.

McCammon, L. Lane, Senior, West Alexander, Pa.
McCarty, Vada, Fresh., Mariana, Pa.
McCollam, Bertha, Soph., Uhrichsville, Ohio.
McCollam, Margaret, Senior, Uhrichsville, Ohio.
McConnell, Cora, Soph., Moundsville, W. Va.
McConnell, Eugene, Special, Moundsville, W. Va.
McConnell, Eloise, Special, Moundsville, W. Va.
McCormick, Denton, Soph., Cameron, W. Va.
McDermott, Irene, Fresh., Pittsburg, Pa.
McDonald, Naomi, **Special** Bethany, W. Va.
McDonald, R. G., Junior, Peterstown, W. Va.
McGlumphy, Lon., Fresh, Martins Ferry, Ohio.
McKinney, W. H., Soph., Canton, Ohio.
McKinnis, Ruth, Fresh., Bethany, W. Va.

Navarro, Manuel, Junior, Buenos Aires, Argentine, S. A.
Negron, Bernardo, Fresh., Bayannon, Porto Rico.
Netting, Lois, Fresh., Bethany, W. Va.
Netting, Ruth, Fresh., Bethany, W. Va.
Neville, Eva M., Senior, Peoria, Ill.
Newman, Delora, Fresh., New Martinsville, W. Va.
Noland, W. G., Fresh., Wellsburg, W. Va.

Oakes, Clarice, Fresh., Worthington, W. Va.
Oldaker, Euneta, Fresh., Bethany, W. Va.
Owens, Madaline, Fresh., Brilliant, Ohio.

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Palmer, U. G., Senior, Verona, Pa.
Paterson, Robert, Soph., Mingo Junction, Ohio.
Pappas, Typhos, Special, Athens, Greece.
Parker, Elizabeth, Special, Bellaire, Ohio.
Pease, Horatio H. T., Junior, Minerva, Ohio.

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Roberts, Mrs. Margaret, Special, Wellsburg, W. Va.
Roberts, Wilbur, Special, Middlebourne, W. Va.
Rosino, Lynn, Fresh., Sandusky, Ohio.
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Russell, John L., Fresh., Pine Bluff, Ark.
Russell, Caroline, Fresh., Wellsville, Ohio.
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Shilan, Stephen, Fresh., Uhrichsville, Ohio.
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Smith, S. R., Junior, Stoutsville, Ohio.
Smith, Lillian M., Fresh., Moundsville, W. Va.
Spragg, Mildred V., Soph., Bellaire, Ohio.
Spray, L. Ethel, Senior, Washington Court House, Ohio.
Springer, Audrey, Junior, Crooksville, Ohio.
Sprowl, Mildred, Soph., Uhrichsville, Ohio.
Stansberry, Goldie, Fresh., Little Falls, W. Va.
Stansberry, Myrtle, Fresh., Little Falls, W. Va.
Steindorf, Margaret V., Soph., Wheeling, W. Va.
Steindorf, Jennie L., Junior, Wheeling, W. Va.
Stevenson, L. B., Soph., Bethany, W. Va.
Stewart, Fred K., Junior, Winchester, Ill.
Strobel, G. Elwood, Junior, Cameron, W. Va.
Stone, Esther E., Fresh., New Cumberland, W. Va.
Strickling, Nellie, Fresh., Wellsburg, W. Va.
Sweeney, J. Monroe, Senior, Bethany, W. Va.
Swope, Mary, Special, Springfield, Ohio.
Sullivan, Sidney Rex, Fresh., Utica, Ohio.
Sutton, Paul B., Junior, Crooksville, Ohio.
Skipper, Adele Naomi, Special, Jewett, Ohio.
Smeltzer, Theo Riggs, Agricultural Special, Pittsburg, Pa.
Smith, Leslie Kirk, Fresh., Bridgeport, Ohio.
Statler, Ray, Special, Jewett, Ohio.
Steele, Harold, Soph., Jerusalem, Ohio.
Schultz, Lucille, Fresh., Parkersburg, W. Va.

Tarr, Geneva, Fresh., Brilliant, Ohio.
Taylor, Amie Jea, Soph., Bethany, W. Va.
Taylor, Ella, Fresh., Smithfield, Ohio.
Taylor, Gladys, Special, Bethany, W. Va.
Taylor, Henry, Soph., Bethany, W. Va.
Taylor, Vera, Fresh., Warwood, W. Va.
Taylor, J. P., Fresh., Rayland, Ohio.
Tsukada, Toyozo, Fresh., Japan.
Tuck, Robert, Senior, Tonawanda, N. Y.

Thomas, Percy, Senior, Baltimore, Md.
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Tope, Edith, Fresh., New Cumberland, W. Va.
Turnbull, William, Fresh., Paterson, N. J.

Ulrich, Evelyn, Soph., Wheeling, W. Va.
Underwood, Frances E., Soph., Buffalo, N. Y.

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Wactel, Sue, Junior, Big Prairie, Ohio.
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Walter, H. E., Soph., Oakmont, Pa.
Watson, Campbell, Junior, Norfolk, Virginia.
Watson, Margaret, Junior, Addison, Pa.
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Wentz, Frank S., Fresh., Follansbee, W. Va.
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Wells, Edwin L., Fresh., Ashland, Ohio.
Wells, Frieda J., Special, Bethany, W. Va.
Wells, Noel D., Fresh., Bethany, W. Va.
Whaley, Robert J., Fresh., New Castle, Pa.
Wells, Linley, Soph., Bethany, W. Va.
Wilhelm, Allan R., Fresh., Cameron, W. Va.
Williams, Albert, Junior, Sandusky, Ohio.
Williams, Lena B., Special, Bethany, W. Va.
Winkleman, Clara, Fresh., Pittsburg, Pa.
Wood, Jean, Senior, Littleton, W. Va.
White, Clifford A., Fresh., Stochdale, Ohio.
White, Mrs. Clifford A., Special, Stochdale, Ohio.
Welsh, Glen, Soph., Wayland, Mich.
Wolford, Ray M., Fresh., Mt. Gilead, Ohio.
Woods, Emily, Soph., Plymouth, Pa.
Woods, Walter F., Soph., Plymouth, Pa.
Woodward, Andrw T., Soph., Ft. Worth, Texas.
Worthy, Arthur E., **Postgraduate** Santa Ana, Calif.
Wycoff, Nova, Fresh., New umberland, W. Va.

Wood, Ralph, Fresh., Littleton, W. Va.

Wood, Mary, Fresh., Littleton, W. Va.

Young, H. Eevrett, Soph., E. Liverpool, Ohio.

Total, 380.



B. R. Weimer

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BETHANY COLLEGE BULLETIN

VOL. XV

MARCH, 1922

NO. 2

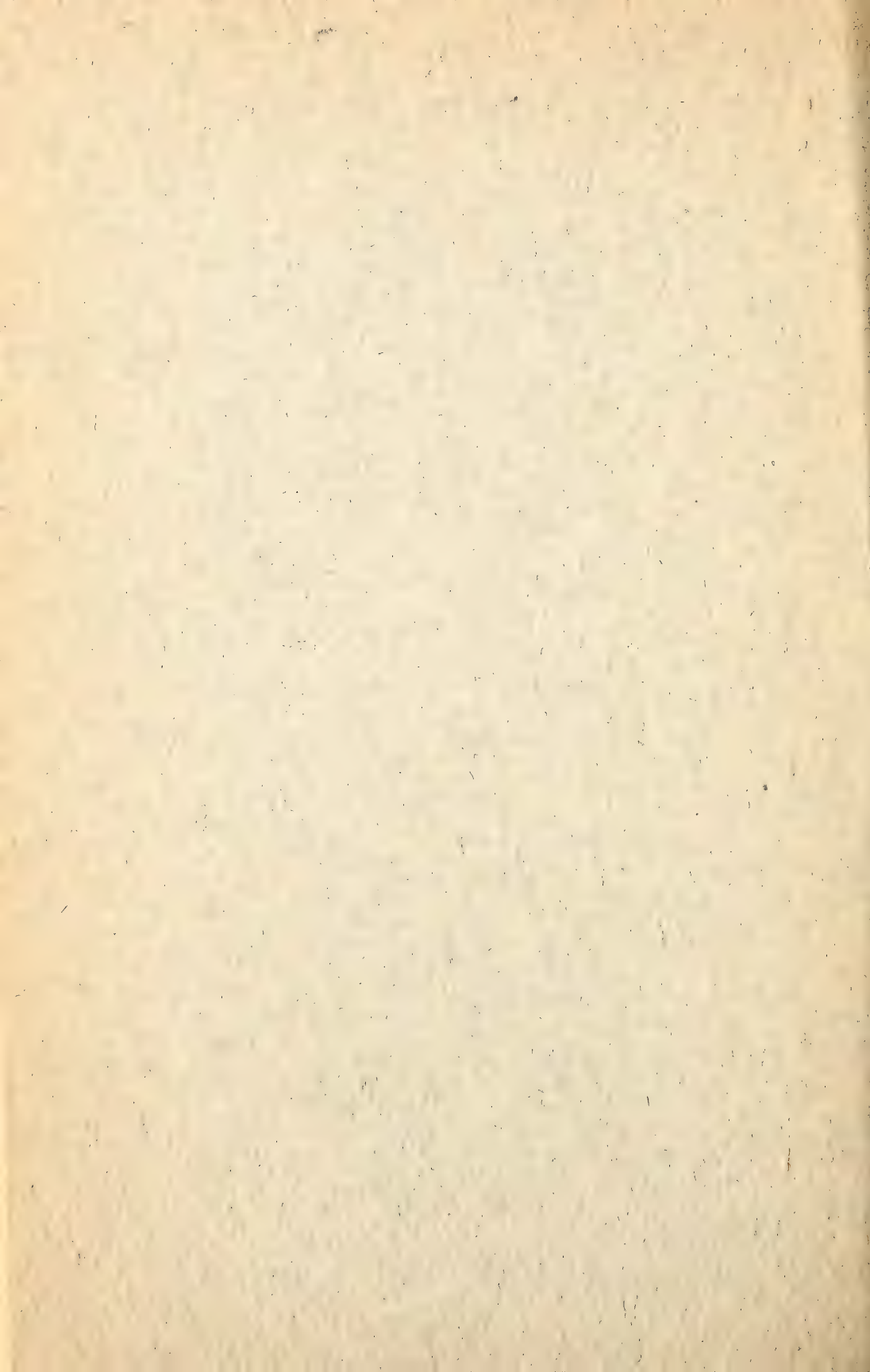
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1922 and 1923

BETHANY COLLEGE

Founded 1841

Bethany, West Virginia



Published by Bethany College, Bethany, West Virginia
March, 1922

CALENDAR FOR 1922 AND 1923

JANUARY							JULY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	2	3	4	5	6	8	1
8	9	10	11	12	13	14	9	10	11	12	13	14	15
15	16	17	18	19	20	21	16	17	18	19	20	21	22
22	23	24	25	26	27	28	23	24	25	26	27	28	29
29	30	31					30	31					

FEBRUARY							AUGUST						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
5	6	7	8	9	10	11	6	7	8	9	10	11	12
12	13	14	15	16	17	18	13	14	15	16	17	18	19
19	20	21	22	23	24	25	20	21	22	23	24	25	26
26	27	28					27	28	29	30	31		

MARCH							SEPTEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
5	6	7	8	9	10	11	3	4	5	6	7	8	9
12	13	14	15	16	17	18	10	11	12	13	14	15	16
19	20	21	22	23	24	25	17	18	19	20	21	22	23
26	27	28	29	30	31		24	25	26	27	28	29	30

APRIL							OCTOBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
2	3	4	5	6	7	8	1	2	3	4	5	6	7
9	10	11	12	13	14	15	8	9	10	11	12	13	14
16	17	18	19	20	21	22	15	16	17	18	19	20	21
23	24	25	26	27	28	29	22	23	24	25	26	27	28
30							29	30	31				

MAY							NOVEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
7	8	9	10	11	12	13	5	6	7	8	9	10	11
14	15	16	17	18	19	20	12	13	14	15	16	17	18
21	22	23	24	25	26	27	19	20	21	22	23	24	25
28	29	30	31				26	27	28	29	30		

JUNE							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
4	5	6	7	8	9	10	3	4	5	6	7	8	9
11	12	13	14	15	16	17	10	11	12	13	14	15	16
18	19	20	21	22	23	24	17	18	19	20	21	22	23
25	26	27	28	29	30		24	25	26	27	28	29	30
							31						

JANUARY							JULY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
7	8	9	10	11	12	13	1	2	3	4	5	6	7
14	15	16	17	18	19	20	8	9	10	11	12	13	14
21	22	23	24	25	26	27	15	16	17	18	19	20	21
28	29	30	31				22	23	24	25	26	27	28
							29	30	31				

FEBRUARY							AUGUST						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
4	5	6	7	8	9	10	1	2	3	4	5	6	7
11	12	13	14	15	16	17	8	9	10	11	12	13	14
18	19	20	21	22	23	24	15	16	17	18	19	20	21
25	26	27	28				22	23	24	25	26	27	28

MARCH							SEPTEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
4	5	6	7	8	9	10	2	3	4	5	6	7	8
11	12	13	14	15	16	17	9	10	11	12	13	14	15
18	19	20	21	22	23	24	16	17	18	19	20	21	22
25	26	27	28	29	30	31	23	24	25	26	27	28	29
							30						

APRIL							OCTOBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	1	2	3	4	5	6	7
8	9	10	11	12	13	14	8	9	10	11	12	13	14
15	16	17	18	19	20	21	15	16	17	18	19	20	21
22	23	24	25	26	27	28	22	23	24	25	26	27	28
29	30						29	30	31				

MAY							NOVEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
6	7	8	9	10	11	12	4	5	6	7	8	9	10
13	14	15	16	17	18	19	11	12	13	14	15	16	17
20	21	22	23	24	25	26	18	19	20	21	22	23	24
27	28	29	30	31			25	26	27	28	29	30	

JUNE							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
3	4	5	6	7	8	9	1	2	3	4	5	6	7
10	11	12	13	14	15	16	8	9	10	11	12	13	14
17	18	19	20	21	22	23	15	16	17	18	19	20	21
24	25	26	27	28	29	30	22	23	24	25	26	27	28
							29	30	31				

COLLEGE CALENDAR

1922

1923

FIRST SEMESTER

September 12—Tuesday—Registration Day.
September 12—Tuesday—Entrance Examinations.
September 13—Wednesday—Recitations Begin.
November 10—Friday—Mid-Semester Reports.
November 18—Saturday—Home Coming.
November 29—Wednesday 3:30 P. M.—Thanksgiving Recess Begins.
December 4—Monday 8:00 A. M.—Thanksgiving Recess Ends.
December 16—Saturday 3:30 P. M.—Christmas Vacation Begins.
January 3—Wednesday 8:00 A. M.—Christmas Vacation Ends.
January 29-31—First Semester Examinations.

SECOND SEMESTER

February 1—Thursday—Registration Day.
February 2—Friday—Recitations Begin.
February 22—Washington's Birthday.
March 30—Friday—Mid-Semester Reports.
March 30—Friday 3:30 P. M.—Easter Recess Begins.
April 5—Thursday 8:00 A. M.—Easter Recess Ends.
May 30—Wednesday—Memorial Day.
June 7-9—Second Semester Examinations.
June 10—Baccalaureate Sermon.
June 11—Monday—College Band Concert, 8:00 P. M.
June 12—Tuesday—Annual Meeting of Board of Trustees.
June 12—Tuesday—Merry Masquers, 8:00 P. M.
June 13—Wednesday—Music Concert, 8:00 P. M.
June 14—Thursday—Annual Commencement.

**EXECUTIVE COMMITTEE OF
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WILLIAM H. GRAHAM	W. D. TURNER
A. E. MCBEE	BEN JOHNSON
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TERM EXPIRES JUNE, 1924

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L. T. MORLAN	Beaver, Pa.
R. A. BALDERSON	Pittsburgh, Pa.

TERM EXPIRES JUNE, 1923

P. H. WELSHEIMER	Canton, Ohio
HON. WILLIAM H. GRAHAM	Pittsburgh, Pa.
HON. OLIVER S. MARSHALL	New Cumberland, W. Va.
CAMPBELL JOBES	Wheeling, W. Va.
SAMUEL GEORGE	Wellsburg, W. Va.
A. E. MCBEE	New York, N. Y.
W. C. PENDLETON	Warren, Ohio
W. D. TURNER	Cleveland, Ohio
W. F. FREDERICK	Uniontown, Pa.
L. D. MERCER	Bowling Green, Ohio

TERM EXPIRES JUNE, 1922

J. E. CURTIS	Lexington, Ky.
HON. M. M. COCHRAN, LL.D.	Uniontown, Pa.
FRANK H. MAIN	Philadelphia, Pa.
JUDGE L. T. FARR	Lisbon, Ohio
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BENJAMIN IRVIN	Big Run, Pa.
Z. TAYLOR VINSON	Huntington, W. Va.
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JUDGE J. B. SOMMERVILLE	Wheeling, W. Va.
JUDGE R. M. ADDLEMAN	Wheeling, W. Va.

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Supt. of Buildings and Grounds

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College of Music, Zurich; Royal Conservatory of Music, Leipsic; A.M., Mus.D., Bethany College; Columbia University.

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King's College, London; Oxford University; A.B., Bethany College; A.M., Columbia University.

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A.B., Bethany College; A.M., Ph.D., Yale University.

*With exception of the President, members of the faculty are arranged in order of seniority of appointment.

- HALL LAURIE CALHOUN, B.D., Ph.D., *T. W. Phillips Professor of Old Testament Language and Literature.*
A.B., Kentucky University; B.D., Yale University; Ph.D., Harvard University.
- JAMES WALTER CARPENTER, A.M., B.D., *Professor of New Testament and Christian Doctrine.*
A.B., A.M., Butler College; B.D., Yale University.
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B.S., University of Kentucky; Columbia University.
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A.B., University of Illinois; University of Chicago.
- JOSHUA ALLEN HUNTER, A.M., Ph.D., *Professor of Education and Director of Summer School.*
B.Ped., Millersville State Normal; A.B., A.M., Pennsylvania State College; Yale University; Clark University; Ph.D., Kansas City University.
- ANDREW LEITCH, A.M., Ph.D., *Sarah B. Cochran Professor of Philosophy.*
A.B., A.M., Butler College; Ph.D., Yale University.
- WILLIAM KIRK WOOLERY, A.M., *Professor of History and Economics.*
A.B., Bethany College; A.M., University of California; Johns Hopkins University.
- JOHN CALVIN POMEROY, A.M., *Professor of Physics.*
A.B., Queen's University; A.M., Princeton University; McGill University; State University of Iowa.
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A.B., A.M., University of West Virginia; University of Chicago.
- FRANCIS MARION RAST, M.Sc., *Professor of Agriculture.*
B.S., Clemson College; M.Sc., University of Wisconsin.
- IRVIN TAYLOR GREEN, A.M., B.D., *Assistant Professor of Biblical Doctrine.*
A.B., Transylvania College; A.M., B.D., Bethany College; University of Chicago.

RUDOLPH LEOPOLD HERING, Ph.B., *Assistant Professor of Modern Languages.*

Oshkosh State Normal; Ph.B., University of Chicago; University of Munich; University of Grenoble.

ARTHUR J. YANEY, M.Sc., *Assistant Professor of Chemistry.*
A.B., Ohio Wesleyan University; M.Sc., Ohio State University.

RALPH WINFIELD GARRETT, A.M., *Assistant Professor of History.*

A.B., Milligan College; A.M., Columbia University.

VISTA CLAYTON, A.M., *Assistant Professor of English*
A.B., A.M., Indiana University.

JESSIE ALTHEA SMITH, Ph.B., *Dean of Women and Assistant Professor of Education.*

Ph.B., Bethany College; California State Teachers College.

ANNA MARY KEMP, A.B., *Librarian.*

A.B., Bethany College.

KATHARINE FREESE, *Assistant Professor of Vocal Music.*

College of Music Teachers in Cincinnati; Institute of Musical Art, New York City.

DONALD LEWIS BOYD, A.B., *Graduate Manager of Athletics.*

A. B., Bethany College.

ROY ALEXANDER EASTERDAY, D.D.S., *Head Coach.*

D.D.S., University of Pittsburgh.

LELLA MULLENDORE GARRETT, *Instructor in Art.*
Valparaiso University.

MAC RYAN, *Assistant in Chemistry.*

CARL FRANCIS, *Assistant in Chemistry.*

CLARA SNYDER, *Assistant in Biology.*

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FOR 1922-1923

Athletics: Mr. Workman, Mr. Boyd, Mr. Hunter, Mr. Woolery, Mr. Cramblet.

Credentials: Mr. Gay, Mr. Yaney, Mr. Pomeroy.

Entertainments: Mr. Miller, Mr. Weimer, Miss Smith, Miss Mahaffey, Miss Butzer.

Fraternities: Mr. Perry, Mr. Miller, Miss Acker, Miss Mahaffey.

Library: Mr. Calhoun, Mr. Leitch, Mrs. Bourne.

Oratory and Debate: Mr. Calhoun, Mr. Garrett, Miss Clayton.

Registration: Mr. Carpenter, Mr. Workman, Mr. Woolery, Mr. Hunter, Mr. Leitch, Mr. Rast, Mr. Green.

Schedule: Mr. Goodnight, Mr. Workman.

Student Publications: Mrs. Bourne, Mr. Woolery, Miss Clayton.

GENERAL INFORMATION

ORIGIN

Buffalo Seminary, the fore-runner of Bethany College was inaugurated at Bethany, W. Va., in the year 1818 in the home of Alexander Campbell, commonly known as the Mansion. Here Mr. Campbell offered educational advantages for the youth of the community as well as training for young men in the work of the Christian ministry.

In 1840 Bethany College was chartered by the state of Virginia, through the efforts of John C. Campbell of Wheeling, W. Va. Its first donation was a \$1,000 legacy made by Philip B. Pendleton of Virginia. The campus was donated by the first President of the College, Alexander Campbell, who on his own responsibility began at once the erection of a commodious brick building for the use of the College. The first session opened in October, 1941.

LOCATION

Bethany College is situated in the Pan Handle of West Virginia, seven miles southeast of Wellsburg, fifteen miles north of Wheeling and forty miles south of Pittsburgh. Being as it is, almost one thousand feet above sea level and surrounded by picturesque and inspiring scenery, the location is considered very attractive and healthful. The village in which the college is located is easily accessible, being connected with Wellsburg by an interurban line. At Wellsburg connection is made with traction lines for Steubenville, Wheeling and other Ohio River points and also with the Pennsylvania Lines R. R. Brilliant, Ohio, just across the Ohio River from Wellsburg, is situated on the Cleveland and Pittsburgh railroad.

BUILDINGS AND GROUNDS.

The College Campus—The college campus, containing about fifty acres, overlooks the beautiful Buffalo Creek. A well kept lawn, concrete walks, tennis courts, attractive entrance gates and hundreds of trees and shrubs give the campus a park-like appearance. These beautiful surroundings have a cultural advantage for students which should not be overlooked.

The Main College Building—The main college building stands on an elevation in the center of an attractive campus. It is an imposing structure of Gothic architecture and is well adapted to the purpose for which it is used. It contains numerous class rooms besides a beautiful college chapel and two literary society halls. Along the west side and running the entire length of the building is the Corridor, an open promenade 310 feet in length.

The E. W. Oglebay Hall of Agriculture—This hall was donated to the college by Earl W. Oglebay of Cleveland, Ohio. The corner stone was laid June 7, 1911. The building is used for the teaching of science and agriculture. It contains chemical, physical, biological and agricultural laboratories, a chemical supply room, several class rooms and the college administration offices. The class rooms and laboratories of the Home Economics Department occupy all the third floor. The style of architecture is Tudor Gothic and harmonizes with the Main College Building.

Carnegie Library Building—This building is 95 feet wide and is constructed of brown pressed brick with Berea sandstone trimmings. The interior is finished with polished oak and presents a very attractive appearance. On the first floor is a large social and banquet room which has been made very attractive through the generosity of the late Mrs. E. W. Oglebay. The second floor is given over to the library proper and contains reading rooms and the book stack room which is furnished with steel shelving. On the third floor are four large rooms well adapted for class and lecture rooms.

The Percy B. Cochran Hall—This new dormitory was donated to the college by Hon. M. M. Cochran of Uniontown, Pa., in 1910, as a memorial to his son, Percy B. Cochran. The building is four stories high. The first story is used for dining room and kitchen and living rooms for the governor of the hall. The other floors are used as rooming places for young men. The building is of fireproof construction and built on the latest improved plan. The second and third floors are arranged in suites. In each suite there is a study room, and adjoining this study room there are two bedrooms. Two young men are supposed to occupy a suite of rooms. The building throughout is heated with steam and supplied with shower baths, sewerage, electric lights and all modern conveniences.

The Irvin Gymnasium—This strictly modern gymnasium was donated by the Irvin family of Big Run, Pa. The building, being of Gothic architecture, is in harmony with the main college building. It is 100 feet in length and 52 feet in width and is equipped with swimming pool 20 x 40 feet, shower baths, team rooms, coach room, trophy room, lecture room, janitor's living room, lockers and track, in addition to the main gymnasium floor.

Phillips Hall—This dormitory, donated by the late Hon. Thomas W. Phillips, Sr., of New Castle, Pa., is stately and commodious, heated with steam and altogether adapted to the needs and conveniences of young ladies. Very recently several thousand dollars have been expended on improvements in this building. It has a capacity for sixty roomers. There is a large dining room on the first floor for the use of lady students and teachers. In this hall are also the rooms of the Dean of Women, who has direct supervision over all the lady students of the college. An earnest effort is made to make this hall a pleasant and attractive home for young ladies.

The Cochran Central Heating Plant—The college came into possession of this building and its equipment through the generosity of Hon. M. M. Cochran of Uniontown, Pa. Eight college buildings, the Bethany Memorial Church and

several dwelling houses which belong to the college are adequately heated from this source. Coal, taken from grounds owned by the college, is delivered by miners direct to the storage room of the plant without the labor of rehandling.

Commencement Hall—This hall, which has been utilized for a few years as a dormitory, is to be remodeled. The walls are to be repointed and new windows installed at once. The building will contain a large auditorium, some classrooms, a physics laboratory, etc. The inside construction work will be started in the early summer.

Pendleton Heights—A short distance to the north of the Main Building on the campus is the home of the President, known as Pendleton Heights. This building was erected by W. K. Pendleton, second President of Bethany College, and is admirably suited to its intended purpose.

Apartment Houses and Other Dwellings—The college owns two apartment houses and eight other dwellings for the use of married students and people connected with the college. One of these dwellings is situated on the campus and was formerly owned and occupied by the late Professor A. C. Pendleton. One is used by one of the sororities of the college. Four of the others are five room cottages recently built and modern in every respect. These cottages rent for \$18 a month. The suites of the apartment houses furnish very satisfactory homes for married students and rent for \$150 a year with heat and water furnished.

The College Farms and Farm Buildings—Through the generosity of E. W. Oglebay of Cleveland, Ohio, Bethany College now owns the Alexander Campbell farm of 205 acres. At Mr. Oglebay's expense many improvements have been made on this farm, including a large, round dairy barn eight-six feet in diameter, and a creamery building. By a deed bearing date of April 7th, 1914, Miss Margaretta E. Parkinson has given to the college the farm of 261 acres adjoining the college grounds on the north. Two other tracts of land are owned by the college, making a total of 535 acres that are available for use of the Department of Agriculture.

LIBRARY AND READING ROOMS

The college library is housed in Carnegie Library Building. The collection of books is growing. Many new volumes have been recently purchased. A definite appropriation has been secured, making it possible to add one or two thousand volumes each year. The best periodicals, including some of the leading dailies and weeklies, as well as monthly and quarterly magazines and journals come regularly to the Reading Room tables.

LABORATORIES

Chemical Laboratories—The chemical laboratory rooms, chemical store room and balance room are situated on the second floor of Oglebay Hall of Agriculture. The main chemical laboratory is provided with 160 lockers and will accommodate 80 students working at one time. These laboratories are equipped with modern apparatus for various kinds of chemical work.

Physics Laboratory—The physics laboratory is on the first floor of the Oglebay Hall and is equipped with the necessary laboratory furniture and apparatus for demonstration and general experimental work.

Biological Laboratory—The biological laboratory is situated on the second floor of Oglebay Hall of Agriculture. This laboratory is equipped with compound microscopes and other apparatus needed for work in general biology, plant morphology, plant physiology, plant pathology, general zoology, entomology and bacteriology.

Agricultural Laboratories—The Oglebay Hall of Agriculture contains laboratories for various kinds of Agricultural work.

ENDOWMENTS

The M. M. Cochran General Endowment—On January 25, 1921, Hon. M. M. Cochran of Uniontown, Pa. gave Bethany College \$500,000 to be known as the M. M. Cochran General Endowment Fund. This amount was paid at once and has made possible the attainment of high aims in the academic work of the college.

Endowment of Office and Chair of the President of Bethany College—Hon M. M. Cochran of Uniontown, Pa. has donated to the college \$100,000 as an endowment of the office and chair of the President of the college.

Mrs. Sarah B. Cochran of Dawson, Pa. has generously contributed \$25,000 for the endowment of a chair to be known as the Sarah B. Cochran Chair of Philosophy.

Hon. Thomas W. Phillips, Sr., of New Castle, Pa., gave \$30,000 to endow a chair in Bethany College to be known as the Thomas W. Phillips Bible Chair.

Herbert Moninger Memorial Chair of Bible School Pedagogy—Through the interests and generosity of many Bible Schools, churches and individuals, a fund of \$25,000 has been given to the college for the endowment of the Moninger Memorial Chair of Bible School Pedagogy.

George T. Oliver Endowment—The late Senator George T. Oliver of Pa., an alumnus of the college, gave \$25,000 to the Permanent Endowment Fund and left by bequest an additional \$25,000 which is soon to be transferred to the college by the estate.

The Thomas W. Phillips, Jr. Endowment—T. W. Phillips, Jr., of New Castle, Pa., has generously donated to the college \$39,000 and an additional \$15,000 is to be added to this amount.

STUDENT AID AND SELF HELP.

Scholarships—Earl W. Oglebay of Cleveland, Ohio offers five scholarships to students majoring in Agriculture. Each of these scholarships is worth one hundred dollars a year.

Twenty other friends of Bethany have endowed scholarships in the college, most of which are worth \$30 a year. Some of these are in the hands of the donors or their heirs and some have been placed in the hands of the President of the college for assignment.

Phillips Loan Fund—A few years ago the Hon. Thomas W. Phillips of New Castle, Pa., generously donated to the trustees the sum of five thousand dollars, to be loaned to students of Bethany who are preparing for the ministry. The original fund as thus constituted has since been considerably increased by other generous gifts and by accrued interest. From this fund loans may be obtained by ministerial students on complying with the conditions of the loan. Application should be made to the President in writing. Personal or other approved security is required of those borrowing from the fund. No student is loaned more than one hundred dollars per year. The fund now amounts to more than \$12,000.

Student Employment—Work on the college farms and other work about the college affords opportunities to a number of young people to earn money to meet part of college expenses. No student can depend, however, on earning more than enough to pay board. Work is not promised to all who apply, and such as show a disposition to shirk in the performance of duties are not considered.

Student Preaching—Ministerial students are frequently called to fill pulpits within easy reach of Bethany. A number of our students preach regularly for near-by churches, and thus, in addition to the good they do for others, earn funds to meet their college expenses. We recommend, however, that no student below the junior year preach oftener than alternate Sundays.

STUDENT ACTIVITIES

Athletics—It is the purpose of the work in Physical Education at Bethany College to assist the students in keeping their bodies in the best possible physical condition. Physical training for both men and women is provided. Regularly organized classes in gymnasium and open air training are maintained. A minimum of two hours per week in gymnasium or field is required of those who are found by examination to be physically able. In connection with the work for men, intercollegiate teams are developed and maintained in football, baseball, basketball, tennis and track and field athletics. Many games with athletic clubs and college teams are staged during the year. An athletic fee of \$7.00 per year is charged each student and this admits the student to all athletic contests.

The athletics of the college is under the supervision of a Board of Athletic Control made up of the Graduate Manager of Athletics, four members of the faculty appointed by the President of the college, four members of the alumni and four members of the student body, chosen by the faculty. The President of the college is ex-officio member of the Board. The captains of football, basketball, baseball and tennis are chosen by the teams themselves. Student managers of athletics are chosen by the Board. The Athletic Board reserves the right to remove any captain or manager for cause, at any time.

Student Council—The students of Bethany College have organized a Student Council for the purpose of promoting student interests and helping with the various phases of the life of the college. Matters pertaining to debating, athletics, student behavior and other general college matters are given attention. This council co-operates with the administration in every way.

Student Publications—The students publish the Bethany Collegian, a bi-weekly devoted to the interests of the college. The Bethany Harbinger is issued as a quarterly.

It is devoted to the interests of the Alumni, the more general interests of the college and those many factors in the life of the Disciples that center in Bethany. Annually a publication called *The Bethanian* is issued under the more direct supervision of the Senior Class. A publication fee of \$6.00 a year is charged each student and this entitles the student to free copies of publications.

Literary Societies—There are in connection with the college three societies devoted to the cultivation of literary composition and oratory—the Neotrophian, the Adelphean and the American Literary Institute. Every student of the college is urged to become a member of one of these societies.

Oratorical Association—Bethany holds membership in two oratorical associations—the Interstate, including colleges of Western Pennsylvania Eastern Ohio and Bethany in West Virginia, and the State Intercollegiate Oratorical Association. The Oratorical Association within the college, with the approval of the Faculty, conducts its own contests for the selection of its representatives in these intercollegiate contests.

Debating Contests—Each year teams from Bethany College meet teams from near-by colleges. This intercollegiate debating affords the best of opportunities for student development.

Christian Associations—The Y. M. C. A. and Y. W. C. A. both have a large and active membership among the students and are doing good work. Students are urged to become affiliated with one of these associations. One phase of the work of the Y. M. C. A. is to offer a course of lectures each year thus affording students the benefit of some of the best platform talent of the country. In addition to the regular lecture course, interesting and instructive lectures and entertainments are given by prominent people from time to time under the auspices of these associations and other organizations of the college.

Volunteer Mission Band—There is in the college a flourishing Volunteer Missionary Band, which is a strong factor in developing missionary spirit.

Ministerial Association—This association is made up of young men of the Ministerial Department who are engaged in the work of the ministry. Semi-monthly meetings are held, at which meetings vital problems relating to the ministry are discussed.

Fraternalities—The following Greek letter fraternities are represented at Bethany: Beta Theta Pi, Kappa Alpha, Sigma Nu, Alpha Phi Epsilon, Tau Kappa Alpha, Recharibites, Alpha Xi Delta, Zeta Tau Alpha and Phi Lambda Chi.

Bethany College Glee Club—This musical organization is under the direction of Professor Moos. At present it has a membership of nineteen men. During the year this club furnishes music for many college functions and with the aid of a reader and pianist provides entertainments for many churches of Ohio, Pennsylvania and other near-by states.

College Band—The present College Band has a membership of thirty-two. This organization furnishes music for all the out-door functions of the college and gives a series of concerts during the year. More than a thousand dollars have been spent during the past year for new equipment. A limited number of instruments is available for the use of band members. Membership in this organization is open to all possessing the necessary qualifications.

The Merry Masquers—The "Merry Masquers" is the dramatic club under the auspices of the English department. It gives opportunity, not only for the exercise of ingenuity in working out stage setting, lighting, screening, etc., but for self expression in the artistic interpretation of the great characters in dramatic literature. The members of the club have staged parts of the old Miracle plays, the "Morality of Everyman," a sixteenth century "Grand

Christmas" in the presence of Queen Elizabeth and her court. They give the Commencement play each year on the college campus. Such plays as "Mid-Summer Night's Dream," "The Tempest", Milton's "Comus", and other plays have been successfully staged in the open air.

GENERAL REGULATIONS

Class Attendance—A student is expected to be present at every meeting of the class of which he or she is a member. However, in order to provide for occasions when class attendance might jeopardize the health of the student, or for absences caused by circumstances over which the student has no control, some cuts are allowed without placing any obligation or penalty on the student. Three cuts a semester are allowed in four or five hour credit courses, two cuts in three hour courses, one cut in two hour courses and none in one hour courses.

In case of absences in excess of cuts allowed, when such absences are caused by serious illness or have been approved in advance by the President of the college or such person or persons as he may designate to act in his place, the student is given an opportunity to make up the work missed, in so far as the nature of the course admits of such a procedure. Included under this provision are such absences as those incurred by students participating in approved intercollegiate contests and such collegiate activities as have been sanctioned by the college faculty. In case the absences are due to sickness, application to make up the work must be accompanied by a doctor's certificate to the professors in charge, stating the duration of time that the student was unable to attend class.

The time and manner of making up work is left to the teacher in charge of the course in question, the aim being to satisfy the instructor that the work has been accomplished with such a degree of efficiency as to not seriously interfere with either the future work of the student or the class of which he or she is a member.

In case of absences in excess of the number of cuts allowed, when such absences are not covered by a doctor's certificate and have not been approved in advance by the authorities as soon as the student returns to school, the instructors of said student are not to afford opportunity for the work to be made up. It is to be also understood by all students that absences for any cause, whether approved or not, are to be counted when considering the number of cuts allowed. When for any reason a student does not make up work missed, the class standing of said student is to be lowered by giving a grade of F for each day missed.

When any student has as many as three absences in a four or five hour course, two in a three hour course and one in a two hour course, in excess of cuts allowed and these absences have not been approved, the instructor in charge of the course is to report the student to the President of the college before whom said student must appear to explain his or her conduct. In case the explanation is considered unsatisfactory the student may be suspended from class privileges for inattention to duty.

Final Examinations—All students are required to take the examinations that come during the last week of each semester. Those who show by class work and examination that they are entitled to a grade of D or above are passed.

Special Examinations—A student who has been marked incomplete in his course at the end of a semester may, with the consent of the instructor, be given an opportunity to take a second examination on the payment of a fee of \$1.00. When a student is absent from a final examination he may have a special test upon the payment of a fee of \$2.00. Fees for special examinations must be paid at the office of the college bursar before the examinations are taken.

College Entrance Examinations—Students desiring examinations for college entrance will be given an opportunity to take them without charge on the First Semester Registration Day.

The Grading System—The class standing of a student in any course pursued is reported by the use of letters. The meaning of letters used may be given as follows:

A—Excellent. The letter A is used to denote work of unusual merit.

B—Good. This letter is used to show an appreciation and grasp of the subject that is distinctly above the average and very satisfactory.

C—Average. This letter signifies the grade of work done by an average student. It is expected that about fifty per cent. of grades given will be C.

D—Inferior. This letter denotes work below the average. It shows a lack of application or of ability to grasp the subject.

Inc.—Incomplete or Conditioned. This abbreviation is used to indicate incomplete work which a student may be allowed to make up. The instructor in charge will decide how the condition may be removed, whether by re-examination, doing additional work or doing much better work in same subject the following semester. Failure to complete the work will result in having the grade recorded finally as F.

F—Failure. The letter F denotes work that is definitely unsatisfactory. Additional work in this department forbidden until credit for this course has been obtained. A course in which a student has failed must be taken over at the first opportunity.

Penalty for Failures—Any student, found on examination of his scholastic standing to not be doing passing work in courses representing at least ten hours credit, is prevented from participating in any intercollegiate contest, and also any collegiate activity that necessitates the missing of classes, until such time as it is reported by the student's instructors that work has been performed, in courses rep-

resenting ten hours or more, which merits a grade of C for the part of semester covered. It is understood that one week's notice must be given a student before the penalty for unsatisfactory standing is put into force.

In case a student fails to pass in at least ten hours of work at the end of any semester, said student is deprived of the privilege of participating in any collegiate or inter-collegiate activity during his or her following semester, unless he or she succeeds in completing by a second examination, or otherwise, a sufficient amount of work to obtain at least ten hours of academic credit for the semester, or shows by mid-semester grades the following semester that C quality work is being done in courses representing fifteen hours credit.

It is to be understood that students who fail to make passing grades in at least ten hours of their work for any semester may secure only provisional enrollment for the next semester. If, when such students are provisionally enrolled, they fail to pass in courses representing ten hours of academic credit, further enrollment is refused except by action of the faculty.

Engaging Rooms in Advance—A student desiring to engage in advance a room in either of the dormitories for the college year must make a deposit of \$10.00 at the college bursar's office not later than September 1st. Rooms will not be held after that date without this advance deposit. The deposit will be used by the college to pay any damage done to the room or its equipment. In case no damage is done, the amount deposited will be returned at the end of the year. Any student rooming in a college building will be obliged to make this deposit whether or not the room is engaged in advance .

Number of Hours Allowed—A student must carry at least 15 credit hours of academic work each semester, unless for some good reason the faculty allows a less number. No reduction in tuition is made for those who pursue fewer

than this number of hours. No student is allowed more than 15 hours without consent of the faculty unless he or she has no grade below C and at least 12 hours B or above for the preceding semester. In no case will a student be allowed to carry over 18 hours of academic work.

Penalty for Late Registration—Students in attendance during any semester must register on the opening day of the following semester, if they desire to continue their work. Two dollars is charged for each day of delay in registering. This rule applies only to the opening of the semester and does not relate to students entering for their first semester.

Student Conduct and Discipline—It is the aim to have the discipline of the college firm and reasonable, appealing to the purest motives and best sentiments of the student. No rules for conduct are made save those believed to be dictated by wisdom. In all matters pertaining to personal conduct the Faculty believes in the American principle of self-government, and confidently relies upon the manly and womanly student for support. When any student cannot be controlled by the application of such principles, or when he becomes so indifferent to his opportunity as to fail to accomplish the object for which he is sent to college, his parents or guardian will be informed of the fact and requested to withdraw the student from the college.

Chapel Attendance—Chapel exercises are held four days a week at ten o'clock in the morning. Attendance is obligatory on all students.

Religious Life of the College—It is the aim of the management to cultivate and develop the religious nature of the student; to create and maintain a religious sentiment that shall be in harmony with the best thought of our Christian civilization. The Bible is a recognized text-book in the college and the constant aim is to surround the students with an atmosphere which is genuinely Christian without being sectarian.

Rules Governing Fraternities and Sororities—

- I. No student of any classification shall be invited or pledged to any fraternity or sorority earlier than Friday, October 6th. Special students shall not be invited or pledged at any time.
- II. Students shall not be initiated into any fraternity or sorority until they have presented fifteen high school units for entrance, have fifteen semester hours of resident collegiate work credited on the registrar's books, and have earned at least fifteen quality points.
- III. No student shall room in a sorority, fraternity or club house until he or she has been in residence at the college one full year and earned at least thirty semester hours of college credit, unless by special permission of the faculty
- IV. The pledges of all fraternities, sororities and clubs must be selected from a list of eligibles obtainable at the college registrar's office on Thursday, October 5th. The name of no student will appear on this list whose credentials are not in the hands of the registrar at least four days before said lists are due.
- V. No students shall be invited or pledged later in the college year until the registrar has declared the same to be eligible.

Reports of Student Standing—At the end of each semester (or oftener, if requested), a report is sent by the Faculty to the parent or guardian of each student, stating grades and absences from recitations and examinations, together with such other information respecting the student's progress and conduct as may be deemed proper to com-

municate, or as the parent or guardian may especially request.

Changes in Regulations Covering Courses of Study, Degrees, Discipline, Etc.—The college reserves the right to amend the regulations covering the granting of degrees, the courses of study, and the conduct of students. Membership in Bethany college and the receiving of a degree are privileges, not rights.

THE TEACHING OF AGRICULTURE

Extract from an article by Alexander Campbell on the "New Institution," a prospectus of Bethany College. From the *Millennial Harbinger* of 1840 — p. 132.

"Agriculture, both theory and practice, is but beginning to command the respect and attention due to this most useful, honorable and princely of all human callings and pursuits. This, next to religion and morality, and the art of reading and writing, ought to be taught in all its branches, from the infant school and upwards, to the last lecture in the course."

The liberality and wise foresight of Mr. E. W. Oglebay has enabled Bethany College to carry out the earnest wish of its prophetic founder as expressed in the above quotation.

No attempt is made to duplicate the work of the agricultural colleges and experiment stations, but the aim is to give to the limited number of students admitted to the agricultural department of Bethany a practical training in agriculture such as makes rural life satisfying and profitable.

The college is well equipped to offer work along agricultural lines. The college farms, comprising over 500 acres of land, are well equipped for demonstration and practical farm work. The useful farm crops are grown and demonstration experiments are being carried out to

show the most profitable crop rotations and the best methods of maintaining soil fertility.

An excellent herd of registered Guernsey cattle and also pure bred animals of other types are kept, making it possible to offer students practical courses in Stock Judging, Dairying and Animal Husbandry.

There are some ideal locations for orchards on the college farms. Fifteen acres have already been planted by the agricultural department in co-operation with the State Experiment Station. This orchard contains three hundred selected varieties and should be of great educational value.

Practically all the work in organizing, equipping and operating the college farms in all of their departments is done by the instructors and students of the department of agriculture. Planning and carrying out this work and studying and discussing the results accomplished will best prepare the students to do similar work on their own farms and elsewhere.

A certain amount of work on the farm is required of all students pursuing agricultural studies. This is considered laboratory work and for it there is no remuneration. For work not considered laboratory work there is compensation and an effort is made to employ all students who are in earnest and willing to perform efficient service. Preference will be given to students majoring in agriculture. Trustworthy and efficient agricultural students may hope to have employment provided for them on the farm during the summer months.

OPPORTUNITIES FOR TRAINING IN HOME ECONOMICS

Bethany College is meeting the demand for Home Economics training by providing the young ladies with a sewing laboratory, a cooking laboratory, a small dining room for practice in the correct serving of meals and a recitation room, in Oglebay Hall.

The courses in Home Economics are designed to train young women in the proper care and management of the home and to prepare them for their full responsibility as intelligent, efficient and helpful factors in social and industrial progress.

The work is outlined to meet the needs of three types of students. (1) Those who major in other subjects and desire a knowledge of the fundamental principles underlying selection and preparation of foods and the cutting and making of garments. (2) Those who wish to get a normal school certificate in Home Economics preparatory to teaching Domestic Science in the grammar grades, and (3) Those who wish to use Home Economics as a major in a four year college course.

PROFESSIONAL TRAINING FOR TEACHERS

The primary aim of the Department of Education is to send forth graduates with professional enthusiasm, knowledge of the basic principles of educational theory and practice, and with special preparation to teach certain chosen subjects embraced in the secondary school curriculum.

Candidates for high school teaching certificates are privileged to observe and do directed teaching in the local high school. One-third of the work in observation must be done in other high schools. The excellent high schools of Wellsburg, Warwood, Wheeling and Steubenville are easily accessible by trolley. Candidates for elementary school teaching certificates do their directed teaching and most of their observation of teaching in the village schools. They also have ready access to rural and city schools for additional observation.

State Recognition—The Departments of Public Instruction in Ohio, New York, Pennsylvania, Michigan, Illinois, West Virginia and some other states have placed Bethany College on the approved list for the training of teachers. This means that graduates of Bethany College may teach

in the public schools of these states without taking the usual teachers' examinations, if they pursue proper subjects in education.

Requirements for a High School Teacher's Certificate---

As a part of the hours required for graduation, students desiring a High School certificate must complete the following work along educational lines:

To be taken during Sophomore and Junior years:

Psychology and Applied Psychology.....	6	hours
History and Principles of Education.....	6	"

To be taken during Junior and Senior year:

Principles of Teaching.....	3	"
Educational Measurements.....	2	"
School Administration and Management.....	2	"
High School Methods.....	2	"

To be taken during Senior year:

Observation and Directed Teaching.....	3	"
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Requirements for a Standard Normal Certificate:

During Freshman year:

Principles of Learning and Teaching.....	3	hours
School Management and School Hygiene.....	3	"
History and Principles of Education.....	6	"
English	6	"
Physical Education.....	2	"
Public School Music.....	4	"
Electives	8	"

During Sophomore year:

Special Methods.....	6	"
Psychology and Applied Psychology.....	6	"
Observation and Directed Teaching.....	4	"
Public School Drawing.....	4	"
Physical Education.....	2	"
Electives	10	"

OPPORTUNITIES AT BETHANY COLLEGE FOR THE STUDY OF MUSIC

A liberal, all-embracing education having been the aim of Bethany College from its very inception, music has for years been given its proper place in its curriculum. Teachers of wide experience, with European training, progressive, up-to-date, have presided over this department and its work has always been recognized as possessed of a breadth and thoroughness generally found only in the large art centers. Not a mere musical smattering, but a well grounded knowledge and mastery of the art, theoretical and practical, is the aim constantly kept in view. Whether music is pursued as a mere accomplishment or with a view to future teaching, only the best is considered worth striving for.

Recognizing the cultural and educative value of a complete course in the art of Music, Bethany College make the study of Musical Theory one of the elective courses of the college, and allows the same to be used for credit toward the baccalaureate degree. A maximum of twelve semester hours will be allowed.

Students of the Music Department are required to pursue at least one study in some other department of the college.

A Glee Club, College Band and Choral Performances offer the student body a varied field of musical activity. A modern, well appointed pipe organ is available for practice purposes. For terms of organ rental, piano rental and tuition fees consult the general table of expenses.

Requirements for Graduation in Music—No degree is given in Music, but a Diploma of Graduation is conferred upon the completion of the Collegiate Course in Piano, the course in Organ and the course in Voice, together with a prescribed course in Theory as follows:

Piano Courses 11-12, 31-32, 51-52, 53-54, 55-56

Organ Courses 11-12, 31-32, 51-52, 53-54

Voice Courses 11-12, 31-32, 51-52

A teachers Certificate is conferred upon the completion of the third year of the Collegiate Piano Course and the courses in Theory required for graduation in Piano.

All candidates for diplomas or Teachers' Certificates must satisfy the college entrance requirements.

A course in Public School Music is offered—For details regarding this course, see Courses in Education.

EXPENSES

Tuition—Each student in the college is required to pay a tuition fee of \$60.00 a semester. This entitles the student to registration for fifteen hours of academic work. No reduction is made to students who are allowed to enroll for less than fifteen hours. Registration for work in excess of fifteen hours will be charged for at the rate of four dollars an hour. Scholarships will not be accepted in payment for the extra hours.

Room Rent in Phillips Hall—Rooms for young ladies in Phillips Hall rent for \$1.50 to \$2.00 a week for each student. This rate is on the supposition that each room has two occupants. For those choosing to room alone the room rent will be double this price. Each student is expected to furnish comforts, blankets, sheets, pillow cases, towels, napkins and napkin rings.

Young ladies intending to enter the college and desiring rooms in this hall should make application for same early in the summer. There are rooms for only sixty young ladies and all are usually rented before college opens in September.

Room Rent in Cochran Hall—Rooms in this hall for young men rent for \$70.00 for each student per year where two occupy a suite. There are some single rooms for those who desire to room alone. These rooms rent for \$60.00 per year.

Young men rooming in this hall are expected to furnish their own sheets, pillow cases, pillows, bed-spreads, blankets and towels, and to care for their rooms. Those desiring to live in this dormitory should engage their rooms in advance. Information concerning the engaging of rooms in advance may be found elsewhere in this catalogue.

Board in Phillips Hall—Board in this hall is for ladies only and the charge for meals is \$5.50 per week. All young lady students are expected to board here.

Board in Cochran Hall—Board in this hall is for young men and costs \$5.50 per week.

Board in Clubs—A number of clubs are conducted in the village by young men and in these board ranges from \$5.00 to \$6.50 a week.

SUMMARY OF FEES AND EXPENSES.

Tuition per year (not exceeding 15 academic hours each semester)-----	\$120.00
Room Rent per year-----	\$ 60.00 to 75.00
Board per year of 38 weeks-----	185.00 to 240.00
Cost per year for tuition, board and room--	365.00 to 435.00
Books and washing and the special fees for laboratory courses, athletics, publications, etc., mentioned elsewhere in the catalogue are not included in the above estimate of expenses.	

FEES FOR MUSIC INSTRUCTION

Piano (Collegiate Course) and Organ, two lessons a week per semester-----	\$50.00
Piano (Collegiate Course) and Organ, one lesson a week per semester-----	27.00
Piano (Elementary Course) two lessons a week per semester -----	40.00

Piano (Elementary Course) two lessons a week, per semester	22.00
Voice, two lesson a week, per semester.....	50.00
Voice, one lesson a week, per semester.....	27.00
Theoretical Studies, in class two recitations a week, per semester.....	15.00
Organ Practice, one hour each day, per semester.....	20.00
Piano Practice, one hour each day, per semester.....	5.00

FEES FOR ART INSTRUCTION

Art 31-32, 33-34.....	Per semester, \$ 5.00
Art 43-44, 51-52.....	" " 10.00
Art 53-54, 55-56.....	" " 15.00
Art 61-62.....	" " 25.00

SPECIAL FEES

Physics 11, 31, 32, 33, 34, 41, or 46.....	\$ 4.00 per semester
Physics 51, 59, or 60.....	5.00 " "
Agriculture 11, 12, 31, 32, 33, or 34.....	4.00 " "
Biology 11, 12, 31, 32, 35, 36, or 37.....	4.00 " "
Geology 31 or 32.....	2.00 " "
Chemistry 11, 12, 13, 14, 33, or 34.....	6.00 " "
Chemistry 53 or 54.....	10.00 " "
Chemistry 31, 51, or 52.....	7.00 " "
Home Economics (Cooking).....	4.00 " "
Home Economics (Sewing).....	1.00 " "
Surveying	3.00 " "
Diploma in any course.....	10.00
Special Examination.....	1.00 to \$2.00
Entrance Examination (except first week)	2.00
Change of Registration after Registration Day	1.00
Late Registration (per day).....	2.00
Music student for literary study, per hour	4.00
Athletic Fee	7.00 per year
Publication Fee	6.00 " "

DEPOSITS FOR BREAKAGE

Besides the fees named above each student enrolled for work in Chemistry must make a deposit each semester of \$3.00 for Course 11, 12, 13, 14 or 31; \$5.00 for Course 33, 34, 51 or 52; and \$10.00 for Course 53, or 54. This deposit, less any charges that may be made for breakage, is returned to the student at the end of the semester.

Each student rooming in a college dormitory must deposit \$10.00 a year with the Bursar of the college to pay for any damage that may be done to the room or room furnishings. This deposit, less any charge that may be made for breakage, is returned to the student at the end of the year.

TIME OF PAYMENT OF ACCOUNTS

Tuition, room rent and special fees for laboratory courses, athletics and publications are to be paid in advance. Board bills are to be settled at the end of each two weeks. Every student using a scholarship must present it or a copy of it to the Bursar at the time of registration.

When tuition, room rent and fees are not paid before the end of the two weeks following Registration Day, ten per cent. is added to the charge for these items.

All accounts with the college must be paid in full before students are admitted to the final examinations held at the close of each semester.

No portion of a student's fee is returned on account of withdrawal from college unless the withdrawal be rendered necessary by ill health. No allowance is made on this account for less than four weeks.

THE COLLEGE

ADMISSION

Applicants for admission to Bethany College must furnish evidence of good moral character and be not less than sixteen years of age. Those coming from other colleges must present evidence of honorable dismissal from the school last attended.

Admission by Certificate—Students from accredited High Schools are admitted to the college upon presentation of evidence that they have completed a four year course of study consisting of not less than fifteen units.

Definition of a Unit—In evaluating the work offered by applicants for admission, the following definition of a unit made by the National Conference Committee on standards of colleges and secondary schools is used:

“A unit represents a year’s study in any subject in a secondary school constituting approximately a quarter of a full year’s work.”

This definition of a unit takes the four-year high school course as a basis and assumes that the length of the school year is from thirty-six to forty weeks, that a period is from forty to sixty minutes in length and that the study is pursued for four or five periods a week; but under ordinary circumstances, a satisfactory year’s work cannot be accomplished in less than 120 sixty-minute hours or their equivalent. Schools organized on a different basis can nevertheless estimate their work in terms of this unit. Two hours of laboratory work are assumed to be equivalent to one hour of classroom work.

Prescribed Units—Of the fifteen units required the following are prescribed:

English	3	units
Mathematics	2	“
Foreign Language	3	“
(Two in same language)		
History	1	“
*Science	1	“

*The Science unit should be a laboratory science preferably Physics.

A student offering 15 units for entrance, but lacking one or more of the prescribed ones, may be enrolled as a Freshman but said student will be required to elect in the college, for each unit lacking, six hours of work in the same department, in addition to the number of prescribed college hours.

Distribution of Units—At least 14 of the 15 units presented must be taken from the following list of subjects which also shows the maximum number allowed in each:

English -----	4	units	Civil Government --	$\frac{1}{2}$	unit
Algebra -----	$1\frac{1}{2}$	"	El. Economics -----	$\frac{1}{2}$	"
Plane Geometry ---	1	"	Chemistry -----	1	"
Solid Geometry ---	$\frac{1}{2}$	"	Biology -----	1	"
Trigonometry -----	$\frac{1}{2}$	"	Physics -----	1	"
Latin -----	4	"	Botany -----	1	"
Greek -----	3	"	Zoology -----	1	"
French -----	3	"	Geology -----	1	"
Spanish -----	3	"	Physiology -----	$\frac{1}{2}$	"
Ancient Hist. -----	1	"	Physical Geography--	$\frac{1}{2}$	"
Med. & Mod. Hist.---	1	"	Hyg. and Sanitation	$\frac{1}{2}$	"
English Hist. -----	1	"	Gen. Science -----	1	"
American Hist. ---	1	"	Drawing -----	1	"
German -----	3	"			

Not to exceed 4 units from the following Vocational Subjects:

Agriculture -----	2	units
Home Economics -----	2	"
Stenography and Typewriting---	1	"
Commercial Arithmetic -----	$\frac{1}{2}$	"
Commercial Law -----	$\frac{1}{2}$	"
Commercial Geography -----	$\frac{1}{2}$	"
Bookkeeping -----	1	"
Manual Training -----	2	"

Admission by Examination—Students who for a good reason have not been permitted to complete a high school course of study, but furnish evidence of an equivalent training may be admitted to Freshman standing upon examination at the college.

Admission to Advanced Standing—Students from other standard colleges may be admitted upon presentation of evidence that they have satisfied the entrance requirements of this college and were in good and regular standing in the institution last attended. All applications for advanced standing must be accompanied by certificates stating the nature and extent of college courses completed and signed by the President or other official of the college where the work was done.

In no case will a student be granted a degree who has not been in attendance at this college at least during the senior year.

Admission of Special Students—Mature men and women, not under 21 years of age, who are not able to present 15 entrance units, are admitted to this college as special students in accordance with the regulations of the Association of Colleges and Secondary Schools of the Southern States. Such students are not regularly classified, are not given college credit for work done and are not accepted as candidates for degrees. If at any time they satisfy their entrance deficiencies, they may be admitted to Freshman standing. In no case will college credit be given for college courses taken before entrance requirements were completed.

Method of Enrollment—Students who plan to enter the college must furnish the Registrar with certificates indicating the nature and extent of their preparation. These certificates must be signed by the Principal or Superintendent of the high school attended and should be mailed to the Registrar, if possible, before September first. Blank certificates for this purpose will be furnished by the college, if desired.

On registration day students are apprized of their standing and, if permitted to enroll, fill out, with the aid of advisers, enrollment cards. These cards are presented to the college Bursar with whom a settlement must be made of semester bills.

The names of students enrolled in various courses are furnished to the instructors by the Registrar.

GRADUATION AND DEGREES

Degrees—Courses are offered in Bethany College leading to the degrees Bachelor of Arts and Bachelor of Science.

Requirement of Hours for Graduation—Candidates for a baccalaureate degree are required to complete 124 semester hours of college work of which not to exceed four hours may be offered in Physical Education. Of the 124 hours required, the following are prescribed:

For the A.B. degree:

English -----12 hours

Science and Mathematics -----16 “

(Chemistry, Biology, Mathematics, Physics)

Foreign Language (Greek, Latin, French,
Spanish, German) -----14 “

Note: In case a student offers two units
in a foreign language for entrance, 12
hours of the same language in college
will satisfy this requirement

History or Social Science (History, Econo-
mics, Sociology, Political Science)-----12 “

Philosophy, Psychology, Education, Relig-
ious Education -----12 “

Bible -----6 “

Physical Education -----4 “

For the B.S. degree:

English -----12 “

Foreign Language (Greek, Latin, French,
German, Spanish) -----14 “

Note: Same as for A.B. degree.

Science and Mathematics (Chemistry,
Biology, Physics, Mathematics)-----40 “

History or Social Science (History, Econo-
mics, Sociology, Political Science)-----6 “

Philosophy, Psychology and Education---6 “

Bible -----6 “

Physical Education -----4 “

Requirement of Quality Points for Graduation—In addition to the number of hours required, candidates for a de-

gree must earn at least 120 quality points which are awarded as follows:

For a grade of A, three quality points for each hour of academic credit.

For a grade of B, two quality points for each hour of academic credit.

For a grade of C, one quality point for each hour of academic credit.

For a grade of D, no quality points.

A grade of F standing on the records at the time the student asks for a degree or applies for a transfer of credit will lessen the number of the applicant's quality points one for each hour represented by the course in which the failure is recorded.

Majors and Minors Required—Students are required to choose a major and two minor subjects not later than the beginning of the Sophomore year. Twenty-four semester hours are required for a major and twelve semester hours for each minor. Subjects are grouped as follows to aid in the proper selection of majors and minors.

Group I English.

Group II Foreign Language (Greek Latin, French, Spanish, German).

Group III History, Economics, Sociology, Political Science.

Group IV Chemistry, Physics, Biology, Geology, Mathematics, Agriculture, Home Economics.

Group V Philosophy, Psychology, Education, Religious Education.

Group VI Biblical Literature and Hebrew.

Group VII Physical Education.

Group VIII Music, Art, Public Speaking.

Students selecting a major from Group I must select minors from II, III, V.

Students selecting a major from Group II must select minors from II, III, V.

Students selecting a major from Group III must select minors from III, V.

Students selecting a major from Group IV must select minors from II, IV, V.

Students selecting a major from Group V must select minors from III, IV, V.

Students selecting a major from Group VI must select minors from III, V, VI.

In choosing a major any one of the following subjects may be selected:

English	Chemistry	Philosophy
Greek	Mathematics	History
Latin	Agriculture	New Testament
French	Home Economics	Old Testament
German	Biology	Physics
Spanish	Education	Religious Education

To the foregoing subjects may be added Economics, Sociology and Church History to form a list from which minors may be selected.

COURSES OF INSTRUCTION

In numbering of courses first semester courses have odd numbers and second semester courses even numbers. A course having both an odd and even number, as 11-12, runs continuously throughout the year. In registering for the course, the odd number is used the first semester and the even the second. Courses numbered from 11 to 30 are for Freshmen, from 31 to 50 for Sophomores and from 51 upward for Juniors and Seniors.

Courses marked with an asterisk count for one hour less than the usual credit when elected by students in their senior year.

The number in parenthesis after the name of the course indicates the credit given for it each semester. The hours and name of the instructor follow the description of the course.

AGRICULTURE

***11 Animal Husbandry.** (4 Hrs.). Types and classes of farm animals; leading breeds of horses, cattle, sheep and swine; practice in score-card and preparation judging. Animals owned by the college will be studied, and occasional trips made to nearby farms.

T., W., Th., 11:30.

Laboratory Sat. 8-10.

Mr. Rast.

***12. Dairying.** (4 Hrs.). A general survey of the dairy industry with a definite study of the secretion, composition, separation and handling of milk; methods of creaming; manufacturing butter, cheese, etc.; selecting the dairy cow; feeding the dairy cow.

T., W., Th., 11:30.

Laboratory Sat. 8-10.

Mr. Rast.

31. Soils. (4 Hrs.). A course covering the origin, formation and classification of soils; their physical, chemical, and biological properties as related to soil fertility and

crop production; soil management and drainage. Prerequisite, Chemistry 11 and 12, Biology 11 and 12.

T., W., Th., 9:00.

Laboratory M., 10:00-12:00.

Mr. Rast.

32. Field Crops. (4 Hrs.). A study of cereals, hay, forage, fibre and root crops. Lectures and recitations on the history, production, improvement, cultivation, harvesting and marketing of these crops; practice in judging and testing corn and small grain, and with growing and dried crops and their products in the field and laboratory. Prerequisite, Agriculture 31.

T., W., Th., 9:00.

Laboratory M., 10-12.

Mr. Rast.

33. Animal Feeding. (3 Hrs.) Composition of plants and animals; digestion and assimilation; feeding standard and balanced rations. Methods of feeding different classes of animals. Prerequisites, Agriculture 11.

Th., F., 8:00.

Laboratory T., 1:30-3:30.

Mr. Rast.

34. Sheep and Swine Husbandry. (3 Hrs.). A study of different breeds, types and market classes and of various systems of management. Prerequisites, Agriculture 33.

Th., F., 8:00.

Laboratory T., 1:30-3:30.

Mr. Rast.

35. Farm buildings and Farm Sanitation. (3 Hrs.). Ventilation, sanitation, construction, management, cost; practice in designing and drawing plans. Not offered in 1922-23.

Mr. Rast.

36. Farm and Power Machinery. (3 Hrs. A course covering the operation, use and care of farm machines; gas and kerosine engines and farm tractors. Practice with tillage, seeding, cultural, harvesting and threshing machinery,

and farm engines will be given. Rope tying, splicing, and belt lacing will be included in practice. Not offered 1922-23.

Mr. Rast.

51. Farm Management. (3 Hrs.). Recitations and laboratory work upon the problems of farm management and their effects upon maintaining the fertility of the soil; systems of farming, their distribution and adaptation; farm accounts, problems of labor, machinery, storing, marketing, laying out farms, rotation systems. Inventories and farm surveys will be made and methods of farm accounts discussed. Prerequisites, Agriculture 31 and 32.

W., Th., F., 2:30.

Mr. Rast.

52. Agricultural Economics. (3 Hrs.). Recitations upon the production, distribution, transportation, and marketing of agricultural products. The relation of the industry of agriculture to other industries co-operation in agriculture, agricultural organizations and the social condition of agricultural communities are considered.

W., Th., F., 2:30.

Mr. Rast.

53. Orcharding. (3 Hrs.). This course deals with the fundamental problems of fruit growing, with special reference to the home or farm orchards. The problems of soil, location, propagation, pruning, spraying, cultivating, harvesting, storing and marketing are considered. Not offered 1922-23. Prerequisites, Agriculture 31 and Biology 11 and 12.

Mr. Rast.

54. Small Fruits. (3 Hrs.). This is a continuation of 53 and takes up extensively the growing of grapes, bush fruits, and strawberries. Not offered 1922-23. Prerequisites same as 53.

Mr. Rast.

55. Animal Breeding. (3 Hrs.). A study of the general principles and problems in breeding farm animals, including heredity, variation, selection, environment and the proper management of pure bred stock. Not offered 1922-23. Prerequisite, Agriculture 11.

Mr. Rast.

56. Plant Breeding. (3 Hrs.). A study of the principles of plant breeding, cross-pollination, and hybridization of plants, improvement by selection breeding for special qualities. Laboratory work in the field. Not offered 1922-23. Prerequisites, Agriculture 32. Mr. Rast.

ART

25-26. Theory and Practice of Public School Drawing. (2 Hrs.). Outline is made for the different grades of the public schools. Paper cutting, pencil, crayons, and water color; original work, observation and practice teaching.

T., Th., 2:30-4:30.

Mrs. Garrett.

31-32. Charcoal. (1 Hr.). Practice from antique symmetrical objects in outline and general light and shade. Light and shade from groups of familiar objects. Prerequisites for all work.

T., 8:00-10:00; F., 1:30.

Mrs. Garrett.

33. Free Hand Drawing I. (1 Hr.). Pencil work from nature studies and objects. Perspective drawing. Elementary color work and design.

T., Th., 1:30

Mrs. Garrett.

34. Free Hand Drawing II. (1 Hr.). Advanced pencil work. Problems in angular and parallel perspective. Continuation of color and design of course four.

T., Th., 1:30.

Mrs. Garrett.

43-44. Color Work from Still Life. (1 Hr.). Medium, water color. Groups of familiar objects in monochrome and natural color.

T., 8:00-10:00; F., 1:30.

Mrs. Garrett.

51-52. Advanced Charcoal. (1 Hr.). Heads and figures from casts in full light and shade. Marines and landscapes. Prerequisites, Art 31-32 or its equivalent.

T., 8:00-10:00; F., 1:30.

Mrs. Garrett.

53-54. Pastel. (1½ Hrs.). Still life in natural color, landscapes, and pictorial composition. Prerequisites Art 31 or its equivalent.

T., 8:00-10:00; F., 1:30.

Mrs. Garrett.

55-56. Advanced Watercolor. (1 Hr.). Still life in natural color, figures, animals, landscapes, marines and pictorial composition. Prerequisites, Art 31-32 or its equivalent.

T., 8:00-10:00; F., 1:30.

Mrs. Garrett.

61-62. China Painting I. (2 Hrs.). The instruction in Ceramic Art covers processes and materials free-hand drawing, color and the practical application of design to ceramics. Conventional designs are used and worked out in harmonious colors of enamel.

W., F., 2:30-4:30.

Mrs. Garrett.

NOTE:—Not to exceed six semester hours of credit in art will be allowed to count in meeting the requirements for baccalaureate degrees.

BIOLOGY

11-12. General Biology. (4 Hrs.). A systematic study of the fundamental structures and life processes of plants and animals including man, and the important inter-relationships together with special lectures and discussions of the important principles of Biology—Environment, Heredity, Variation and the Theory of Evolution.

T., Th., 1:30 and 2:30.

Laboratory W., F., 1:30-3:30 and M., 8:00-12:00.

Mr. Weimer and Assistant.

31-32. General Botany. (4 Hrs.). A general survey of the plant kingdom. Type forms will be studied with attention to morphology, physiology, ecology, phylogeny and economic importance. Special attention will be given to

systematic botany in the spring months. Prerequisites
Biology 11-12. Not offered in 1922-23.

T., Th., 10:30-11:30.

Laboratory W. F., 10:30-12:30.

Mr. Weimer.

28. Personal Hygiene and Sanitation. (2 Hrs.). A study of the fundamental laws of personal health and the principles underlying proper health conditions.

W., F., 8:00.

Mr. Weimer.

35. Invertebrate Zoology. (4 Hrs.). A survey of the invertebrate animals including phylogeny, morphology and economic importance. A laboratory study of the representative forms of invertebrates will be made. Prerequisites, Biology 11-12.

W., F., 9:00.

Laboratory T., Th., 8:00-10:00.

Mr. Weimer.

36. Vertebrate Zoology. (4 Hrs.). A study of the comparative anatomy of the representative forms of vertebrates. Laboratory study of the comparative anatomy of *Amphioxus*, shark, frog and cat. Prerequisites, Biology 11-12.

W., F., 9:00.

Laboratory T., Th., 8:00-10:00.

Mr. Weimer.

37. Histology. (3 Hrs.). A study of the structure of the cell and its modifications into the various tissues. Special attention will be paid to the theory and practice of general histological technique. Two laboratory periods per week and one lecture. Prerequisites, Biology 35 and 36.

Hours to be arranged.

Mr. Weimer.

39-40. Comparative Anatomy. (1, 2, or 3 Hrs.). A laboratory study of the comparative anatomy of the various vertebrate and invertebrate forms not studied in Biology 35 and 36. Prerequisites either Biology 35 or Biology 36.

Hours to be arranged.

Mr. Weimer.

BIBLICAL DOCTRINE

51. The Teaching of Jesus. (3 Hrs.). A careful study will be made of the teaching of Jesus as shown in the four Gospels. Prerequisite, New Testament 11-12.

T., Th., S., 8:00.

Mr. Green.

52. The Teaching of Paul. (3 Hrs.). A study of the great doctrines of the New Testament as set forth by Paul, and a comparison with the other New Testament writings. Prerequisite, New Testament 31-32.

T., Th. S. 8:00.

Mr. Green.

71. Biblical Theology. (3 Hrs.). A careful study is made of the Doctrines of God, the Holy Spirit, Man, Sin, Christ. Clarke's Outline of Theology will be used as the text.

W., Th., F., 2:30.

Mr. Green.

72. Biblical Theology. 3 Hrs.). The doctrine of Salvation. A study of the rise and development of God's method in dealing with His people.

W., Th., F., 2:30.

Mr. Green.

73-74. New Testament Interpretation. (3 Hrs.). The purpose of this course is to teach the student how to use the New Testament. A careful study will be made of the rules of Exegesis and these will be applied to certain New Testament books. Prerequisites, New Testament 11-12 and 31-32. Not offered in 1922-23.

Mr. Green.

105. History of Christian Doctrine. (3 Hrs.) The history of the rise of the great doctrines of the church up to the Reformation. Prerequisites, Church History 71-72 and Biblical Doctrine 51-52. Not offered in 1922-23.

Mr. Green.

106. History of Christian Doctrine. (3 Hrs.). The History of Christian Doctrine from the Reformation to the present time. Prerequisite, Church History 105. Not offered in 1922-23.

Mr. Green.

CHEMISTRY.

11-12. Elementary Chemistry and Qualitative Analysis. (4 Hrs.). An introductory course in chemistry specially intended for students who have had no previous work in the subject. The first semester is largely devoted to a study of the non-metals and the second to a study of metals. A large part of the laboratory work of the second semester is elementary qualitative analysis.

Sec. I, T., Th., 8:00.

Laboratory W., F., 8:00-10:00.

Sec. II, T. Th., 2:30.

Laboratory W., F., 1:30-3:30. Mr. Yaney and Assistants.

13-14. General Chemistry and Qualitative Analysis. (4 Hrs.). A course intended for students who have done acceptable work in chemistry in a secondary school and offer a unit of it for college entrance.

T., Th., 9:00.

Laboratory, M., 8:00-12:00. Mr. Workman and Assistants.

31. Qualitative Analysis. (3 Hrs.). A study of the principles and methods of qualitative analysis. Chemical compounds, alloys, minerals and metallurgical products are analyzed. Prerequisites, one year of college chemistry.

Laboratory open T., W., Th., 10:30-12:30

and M., 8:00-12:00.

Mr. Workman.

33-34. Chemistry of Foods and Nutrition. (3 Hrs.). A course specially intended for students majoring in Home Economics. A study is made of the composition and nutritive value of foods, their preservation and adulteration. Laboratory work consists of some exercises in elementary quantitative analysis followed by analysis of cereals, milk, flour, butter and cheese, together with qualitative tests for preservatives and adulterants. Prerequisites, Chemistry 11-12 or 13-14.

Th., 11:30.

Laboratory, W., F., 10:30-12:30.

Mr. Workman.

35. Advanced General Chemistry. (2 Hrs.). Special topics in the field of general chemistry are considered. Emphasis is placed on chemical laws and theories and the chemistry of some of the rare elements. Offered alternate years. Not offered in 1922-23. Prerequisites, Chemistry 11-12 or 13-14.

W. F., 9:00.

Mr. Workman.

51-52. Quantitative Analysis. (4 Hrs.). A study of the fundamental principles of gravimetric and volumetric analysis. The analytical work in the laboratory is made to conform as far as possible to needs of students taking the course. Offered alternate years. Not offered in 1922-T., 11:30.

23. Prerequisites, Chemistry 11-12 or 13-14.

Laboratory W., Th., F., 10:30-12:30

and M., 9:00-11:00.

Mr. Workman.

53-54. Organic Chemistry. (4 Hrs.). A general course in the chemistry of aliphatic and aromatic compounds and their derivatives. Typical organic compounds are prepared in the laboratory. Prerequisites, Chemistry 11-12 or 13-14 and preferably 35.

W., F., 11:30.

Laboratory, M., 8:00-12:00 and

T., 10:30-12:30.

Mr. Yancy.

55-56. Industrial Chemistry. (2 Hrs.). Consists of lectures and quizzes on various industrial processes, written reports on assigned topics and observation trips to industrial plants of the Ohio Valley. Prerequisites, Chemistry 11-12 or 13-14, 35 and preferably 53-54.

W., F., 9:00.

Mr. Workman.

58. Physiological Chemistry. (3 Hrs.). A course dealing with the chemistry of carbohydrates, fats and proteins and their digestion and metabolism in the animal organism. Prerequisites, 11-12 or 13-14 and 53-54.

W., F., 2:30.

Mr. Workman.

59-60. Physical Chemistry. (2 Hrs.) This course deals with such topics as gas laws, molecular weights, mass action, theory and nature of solution and the phase rule. Prerequisites, 11-12 or 13-14, 51-52, one year of college physics and calculus. Required of students who major in chemistry after 1922-23.

Hours to be arranged.

Mr. Workman.

CHURCH HISTORY.

71. The Ancient Church. (3 Hrs.). The growth and development of the church from the second to the thirteenth century. Prerequisites, History 33-34.

T., W., S., 9:00.

Mr. Green.

72. The Reformation. (3 Hrs.). Development of forces culminating in the religious movements of the sixteenth century; Humanism; the Reformation itself. Prerequisites, History, 33-34.

T., W., S., 9:00.

Mr. Green.

91. The English Reformaton. (3 Hrs.). The Reformation under Wyclif; the Lollards; Reformation under Henry VIII and his successors; the rise of nonconformist groups. Not offered in 1922-23.

Mr. Green.

92. The Modern Church. (3 Hrs.). The trend of modern thought is traced through its different phases from the sixteenth century to the present. Not offered in 1922-23.

Mr. Green.

101. The Life and Times of Jesus. (3 Hrs.). A study is made of the cultural, economic, religious, and political conditions among the Jews and Gentiles in the period 167 B. C. to 180 A. D.

T., W., F., 8:00.

Mr. Green.

102. The Background of Christianity. (3 Hrs.). A survey of the Jewish and Hellenistic background of Chris-

tianity; the movements that parallel Christianity. Prerequisite, Philosophy 53-54.

T., W., F., 8:00.

Mr. Green.

103. History of the Disciples. (3 Hrs.). A study of the rise and growth of the Disciples of Christ. Not offered in 1922-23.

Mr. Green.

105. History of Christian Doctrine. (3 Hrs.). The history of the rise of the great doctrines of the church up to the Reformation. Prerequisites, Church History 71-72 and Biblical Doctrine 53-54. Not offered in 1922-23.

Mr. Green

108. History of Christian Doctrine. (3 Hrs.). The History of Christian Doctrine from the Reformation to the present time. Prerequisite, Church History 105. Not offered in 1922-23.

Mr. Green.

ECONOMICS

53-54. Principles of Economics. (3 Hrs.). A first course dealing with the principal phenomena that are encountered in every day life. Prerequisites, Sophomore rank. T., W., F., 11:30.

Mr. Woolery.

71. Business Finance. (3 Hrs.).

Not given in 1922-23.

72. Railroad Transportation. (3 Hrs.).

Not given in 1922-23.

73. Labor Problems and Legislation. (3 Hrs.). A study of the causes of the origin of unions, followed by somewhat intensive study of present day problems of organized labor. Prerequisites, Economics 53-54.

W., Th., F., 2:30

Mr. Woolery.

74. Socialism. (3 Hrs.). Examination of the question of distributive justice and the theories built up to substitute a new system for the present one. Prerequisites, same as for course 73.

W., Th., F., 2:30.

Mr. Woolery.

EDUCATION

***21. Principles of Learning and Teaching.** (3 Hrs.).

A discussion of the underlying principles of methods, lesson plans, preparation and presentation of lessons.

T., W., F., 9:00.

Miss Smith.

***22. School Management and School Hygiene.** (3

Hrs.). The first part of this course presents the practical problems of the school room such as discipline, routine factors and daily program; the second part presents the problem of hygiene in relation to school life, giving special attention to hygiene of the child.

T., W. F., 9:00.

Miss Smith.

23-24. Public School Music. (2 Hrs.).

Sight singing and ear training. Harmonic first and second readers. All major and minor keys and scales. Appropriate rote songs. Methods include work for each grade for the entire school year.

W., F., 10:30.

Miss Freese

27-28. Observation and Directed Teaching. (2 Hrs.).

Application of educational principles in the classroom. Lesson plans are prepared for every class taught. The teaching is observed and criticized by the instructor. Personal conferences. Prerequisites, work of the first year of the Normal course.

Hours to be arranged.

Miss Smith.

41-42. History and Principles of Education. (3 Hrs.).

The principles of education are discussed as they manifest themselves in relation to historical and national educational development.

Section I, T., W., F., 8:00.

Mr. Hunter.

Section II, T., W., F., 1:30.

Mr. Miller.

43-44. Special Methods. (3 Hrs.).

A detailed consideration of the methods of teaching the elementary school subjects, selection and arrangement of materials, devices and

seat work correlation. Attention to subject matter. Prerequisites, Education 21.

W., F., S., 10:30.

Mr. Hunter.

61. Principles of Teaching. (3 Hrs.). Similar to course 21 except that illustrative material is drawn from the high school subjects rather than the elementary school subjects. Prerequisite, or taken with, Psychology 31.

T., Th., S., 9:00.

Mr. Hunter.

62. Pedagogy of the High School Subjects. (2 Hrs.). Special attention will be given to those subjects in which students have elected majors and minors. Prerequisites, Education 61.

T., W., 9:00.

Mr. Hunter.

66. School Administration and Management. (2 Hrs.). considered from the viewpoint especially of the secondary school. The school board, centralization, budgets, sanitation, classroom management, courses of study and schedule making.

Th., S., 9:00.

Mr. Hunter.

81-82. Observation and Directed Teaching. (3 Hrs.) Open only to seniors. The teaching is done in the local high school. So far as possible students will be allowed to observe and teach mainly in the subjects in which they have elected majors and minors. Prerequisites, 15 hours in Education.

Hours to be arranged.

Mr. Hunter.

For courses in Psychology and Public School Drawing see these respective departments.

ENGLISH

A. Composition.

11-12. English Composition. (4 Hrs.). Daily practice in writing, supplemented by reading for ideas.

T., W., Th., S., 9:00.

T., W., Th., S., 11:30.

T., W., Th., F., 2:30.

Miss Clayton.

53. Advanced Composition. (3 Hrs.). Journalistic writing, with emphasis on the news story and editorial, accompanied by a study of newspapers and magazines. Prerequisites, English 31-32.

W., F., S., 10:30.

Miss Clayton.

54. Advanced Composition. (3 Hrs.). Continuation of 53 with special attention given to the short story. Prerequisite, 53.

W., F., S., 10:30.

Miss Clayton

B. Literature.

31-32. English. (3 Hrs.). A general survey of English Literature from the age of Chaucer to the end of the nineteenth century. Prerequisites, English 11-12.

T., Th., S., 9:00.

T., Th., S., 10:30

Mrs. Bourne.

33-34. English. (1 Hr.). Greek and Roman mythology in English Literature. No knowledge of the ancient language is required. The purpose of this course is to furnish the knowledge of Classical Mythology necessary for the interpretation of the English poets.

Th., 11:30.

Mr. Gay.

55. American Literature. (3 Hrs.). A study of the poets of America with special reference to the New England group. Attention will also be given to the Southern and the Western group and to Walt Whitman and the English realists. Prerequisites, **English 31-32.**

T., W., F., 11:30

Mrs. Bourne.

56. American Literature. (3 Hrs.). A study of the American Novel with special reference to the novels of Cooper, Hawthorne, Howells, Henry James. The aim of

this is to set forth the imaginative expression of the American nation from its first definite utterance in the works of Cooper to the end of the nineteenth century. Prerequisites, 31-32.

T., W., F., 11:30.

Mrs. Bourne.

57. English Drama. (3 Hrs.). A study of the English drama from its beginning to the liturgical play, through the drama of the sixteenth century. Prerequisite, English 31-32. Not offered in 1922-23.

T., W., F., 11:30.

Mrs. Bourne.

58. English Drama. (3 Hrs.). Study of drama continued with special reference to the tragedies of Shakespeare, followed by a study of Shakespeare's immediate successors, Ben Johnson and others. Prerequisites, English 31-32; English 57. Not offered in 1922-23.

T., W., F., 11:30.

Mrs. Bourne.

73. English. (3 Hrs.). Prose writers of the Victorian Era: Macauley, Carlyle, Ruskin, Arnold and others. Prerequisites, English 31-32. Not offered in 1922-23.

T., W., F., 2:30.

Mrs. Bourne.

74. English. (3 Hrs.). Poets of the Victorian Era with special reference to Tennyson and Browning. Prerequisites, English 31-32. Not offered in 1922-23.

T., W., F., 2:30.

Mrs. Bourne.

75. English. (3 Hrs.). English Literature in last half of the eighteenth century. The Beginning of the Romantic Movement: Dr. Johnson and his Circle. Prerequisite, English 31-32.

T., W., F., 2:30.

Mrs. Bourne.

76. English. (3 Hrs.). The Romantic Triumph in English Literature. A study of the poetry of Coleridge and Wordsworth; Byron, Shelley, Keats. and Scott. Prerequisites, English 31-32; English 75.

T., W., F., 2:30.

Mrs. Bourne.

FRENCH

***11-12. Elementary Course.** (4 Hrs.). Grammar, reading, conversation, dictation.

Section I, T., W., Th., F., 8:00. Miss Mahaffey.

Section II, T., W., Th., F., 1:30. Miss Butzer.

31-32. Review of Grammar and Composition. (4 Hrs.). The class reads about 1000 pages of Modern French prose.

T., W., Th., F., 11:30 Miss Butzer.

51-52. General Introduction to the History of French Literature. (3 Hrs.). The student is asked to read at least one work from each leading author from the 17th century to 1900.

T., Th., S., 10:30. Miss Mahaffey.

61. Corncille, Racine and Moliere. (3 Hrs.).
T., Th., S., 9:00. Miss Mahaffey.

62. Contemporary French Literature. (3 Hrs.).
T., Th., S., 9:00. Miss Mahaffey.

GERMAN

***11-12. Elementary German.** (4 Hrs.). Thorough drill in pronunciation, inflection, and the elements of syntax. Acquisition of a vocabulary of about 500 words. The stress is put on oral work, inflection and vocabulary. Loud daily preparation is obligatory.

T., W., F., S., 8:00. Mr. Hering.

31-32. Intermediate German. (4 Hrs.). Review of inflections, more thorough study of syntax, application of Grimm's law, composition, dictation and memorizing; reading of modern authors.

T., W., F., S., 9:00. Mr. Hering

GEOLOGY.

31. General Geology. (3 Hrs.). A study of the structure of the earth and the various dynamic agencies tending to change its surface. Excursions will be taken from time to time to illustrate the topic studied.

T., Th., F., 11:30.

Mr. Weimer.

32. Historical Geology (3 Hrs.). The history of earth as revealed by its strata. Laboratory and field study of the common fossils and local formations. Prerequisites, Geology 31 and Biology 11-12.

T., Th., F., 11:30.

Mr. Weiner.

NOTE.—The courses in Geology are elective and do not satisfy any of the sixteen hours of Science required for a degree.

GREEK.

***11-12. Elementary Greek.** (4 Hrs.). A mastery of the essentials of Greek grammar, and the reading of a number of Greek stories. Prerequisite, one unit of preparatory Latin.

T., W., Th., F., 3:30.

Mr. Gay.

41-42. Iliad and Odyssey. (4 Hrs.). This course will include reports on assigned topics dealing with the history of Hellenic civilization and daily practice in sight-reading. Prerequisite, Greek 11-12.

T., W., Th., F., 3:30.

Mr. Gay.

51-52. Greek Dramatists. (4 Hrs.). Aeschylus' Prometheus Bound, Sophocles' Antigone and Euripides' Iphigenia in Tauris. Lectures on the Greek drama and its influence on modern drama. Prerequisite, Greek 41-42.

T., W., Th., S., 9:00.

Mr. Gay.

53-54. Plato. (4 Hrs.). The class will read the Apology and Crito, and selections from all the other impor-

tant dialogues. Lectures on Plato as a philosopher and literary artist. Prerequisites, Greek 41-42. This course alternates with 51-52. Not offered in 1922-23.

T., W., Th., S., 3:00.

Mr. Gay.

81-82 (3 Hrs.). A course in the Greek New Testament, covering the Gospel of Luke, with selections from the other gospels, I and II Thessalonians, I and II Corinthians Galatians and Romans. Prerequisite, Greek 51-52 or Greek 53-54.

T., W., F., 11:30.

Mr. Gay.

111-112. (3 Hrs.). An advanced course in Greek exegesis covering most of the New Testament not treated in course 81-82. Prerequisite, Greek 81-82.

T., W., F., 2:30.

Mr. Gay.

HISTORY

30. Medieval Europe. (3 Hrs.). A survey of the founding of the barbarian kingdoms upon the ruins of the Roman Empire, tracing their evolution through the feudal age to the beginnings of the present national states of Europe.

T., W., F., 9:00.

Mr. Garrett.

33. The Foundations of Modern Europe. (3 Hrs.). After a brief survey of the contributions of the Middle Age, the course deals with the foundations of Modern Europe in the Sixteenth Century; dynastic and colonial rivalry in the Seventeenth and Eighteenth Centuries; and the Old Regime, the French Revolution and Napoleon.

Sec. I—T., W., F., 8:00.

Sec. II—T., W., F., 2:30.

Mr. Garrett.

34. Modern and Contemporary Europe. (3 Hrs.). Continuation of History 33 dealing with the work of the Congress of Vienna; the industrial revolution; the develop-

ment of Italian and German unity; the Third French Republic; the rise of Russia; world imperialism and modern social problems.

Sec. I—T., W., F., 8:00.

Sec. 11—T., W., F., 2:30.

Mr. Garrett.

55-56. History of England and Greater Britain. (3 Hrs.). A survey of the political, social, and economic development of England from the earliest times to the growth of the British commonwealth of nations in the present century. Prerequisites, 33-34.

T., W., F., 1:30.

Mr. Garrett.

71. The Renaissance and Reformation. (3 Hrs.). Deals with the Renaissance in Italy; the spread of Humanism; the origin, character, and results of Protestantism; the religious wars; and the Catholic Reformation. Prerequisites, 33-34. Not offered in 1922-23.

T., Th., S., 10:30.

Mr. Garrett.

72. The French Revolution. (3 Hrs.). A study of the broad social economic and religious aspects of the period stressing particularly the conditions of the old regime; the permanent features of the Revolution; its effect on European nations; and the work of Napoleon. Prerequisites, 33-34. Not offered in 1922-23.

T., Th., S., 10:30.

Mr. Garrett.

73-74. The Expansion of Europe. (3 Hrs.). A survey of the relationships established between Europe and Asia, Africa, America, and Oceania, from the later Middle Ages to the present time. Special emphasis upon the reciprocal influences growing out of the contact of Europe with the rest of the world. Prerequisites, 33-34.

T., Th., S., 10:30.

Mr. Garrett.

51-52. American History. (3 Hrs.). From the period of the English colonization to the end of the war between the States. Colonial problems will be taken as affecting all

the settlements rather than each separately; constitutional and political development rather than social will be emphasized. Prerequisites, Sophomore rank.

T., W., F., 1:30

Mr. Woolery.

63. The United States in Our Own Times. (3 Hrs.).

The problems of the new nation with special reference to the results of exploitation and the formation of class interests. The expansion of the United States into world politics. Prerequisites, one course in American or Modern History.

T., Th., S., 9:00.

Mr. Woolery.

64. History of American Diplomacy. (3 Hrs.).

The relations between the United States and the rest of the world, especially the nations of Europe and South America. Prerequisites, same as for course 63.

T., Th., S., 9:00.

Mr. Woolery.

HOME ECONOMICS.

11-12. Home Cookery and Table Service. (3 Hrs.).

A study of foods, principles governing their preparation, purpose in cooking, chemical composition, changes induced by temperatures and fermentation. Planning, cooking and serving of meals, emphasizing efficient expenditure of time and money.

T., Th., 10:30-12:30.

Miss Acker

15-16. Machine Sewing and Pattern Drafting. (3

Hrs.). Efficient sewing methods applied on wash materials. Drafting patterns and alterations of commercial patterns. Designing and making of wool and silk garments, clothing etc.

W., F., 10:30-12:30.

Miss Acker.

17. Home Sanitation. (3 Hrs.).

This subject deals with healthfulness of location, drainage and surroundings of a dwelling; heating, necessity of proper amount of sunlight,

ventilation, overcrowding disposal of household waste, preventable diseases. Chemistry 11-12 prerequisite or parallel. Lecture and recitation, two hours per week.

T., Th., S., 9:00.

Miss Acker.

20. Home Furnishing. (2 Hrs.). Planning and furnishing a small house at stipulated cost. Study of color combinations, effect of color and practical application in the home. Economical furnishing. Prerequisite, 17.

W., F., 9:00.

Miss Acker.

31-32. Problems in Food Preparation and Nutrition. (2 Hrs.). Prerequisite, Chemistry 11-12 or 13-14.

Time to be arranged.

Miss Acker.

34. Dietetics. (2 Hrs.). A consideration of metabolism of food. The relation of food to health; influence of age, sex, occupation on diet. Planning of dietaries for adults and children. Prerequisite 11-12.

W., F., 8:00.

Miss Acker.

51. Textiles. (2 Hrs.). A study of textile, fibres and fabrics of interest to the household; their character, cost, durability, adulteration. Prerequisite, 15-16.

T., Th., 8:00.

Miss Acker.

53. Home Care of the Sick and Care of Children. (2 Hrs.). A series of lectures and recitations dealing with the fundamental principles in home nursing. Care of children through infancy and childhood will form an important part of course.

W., F., 1:30.

Miss Acker.

54. Food Production and Manufacture. (2 Hrs.). This course deals with the source, production and use of food products. Prerequisites, H. E. 11-12 and Chemistry 11-12 or 13-14.

T., Th., 1:30.

Miss Acker.

71. Special Methods. (2 Hrs.). The course includes methods in teaching cookery and methods in teaching Domestic Art. Practice teaching accompanies class room work. Required of all majoring in Home Economics. Prerequisites, H. E. 11-12, H. E. 15-16, Chemistry 11-12 or 13-14. T., Th., 2:30. Miss Acker.

72. Art Embroidery. (2 Hrs.). This course includes practice in various kinds of embroidery articles used on clothing or household linens. Four hours laboratory work a week. Prerequisites, H. E. 15-16. T., Th., 1:30-3:30. Miss Acker.

HOMILETICS.

51. The Theory of Preaching. (2 Hrs.). A careful study will be made of the problems connected with the preparation and delivery of sermons. W., S., 11:30. Mr. Green.

52. Sermon Building. (2 Hrs.). Some of the great sermons will be analyzed; outlines will be made and criticised. W., S., 11:30. Mr. Green.

53-54. The Work of the Pastor. (1 Hr.). A study of the Christian minister in relation to the congregation which he serves. F., 11:30. Mr. Green.

71. The Church and Society. (3 Hrs.). The relation of the church to the social and economic conditions surrounding it will be carefully studied. Not offered in 1922-23. Mr. Green.

72. Organization of the Local Church. (3 Hrs.). A scientific study of the field and forces. The presentation of a plan of operation for the work of the local church. Not offered in 1922-23. Mr. Green.

LATIN

***11-12. Elementary Latin.** (4 Hrs.). This course includes a mastery of the essentials of Latin grammar, including forms and syntax, the reading of large portions of Caesar or its equivalent and considerable practice in Latin composition.

T., W., Th., F., 9:00

Mr. Perry.

***13-14. Cicero's Orations.** (3 Hrs.). This course includes the reading of six or more orations of Cicero and continued drill in Latin composition. Prerequisite, Latin 11-12.

T., W., F., 11:30.

Mr. Perry.

***15-16. Vergil's Aeneid.** (3 Hrs.). The study of Vergil will be approached with a literary as well as a linguistic purpose. Ability to read the hexameter is expected of all who complete this course. Prerequisite, Latin 13-14.

T., W., F., 11:30.

Mr. Perry.

21. Cicero's De Amicitia and De Senectute. (3 Hrs.). Frequent reports will be required on topics relating to the times in which Cicero lived. Alternates with 31. Prerequisite Latin 15-16.

T., Th., S., 8:00

Mr. Perry.

22. Tacitus. (3 Hrs.). Germania and Agricola will be read with reports. Alternates with 32. Prerequisite, Latin, 21 or 31.

T., Th., S., 10:30.

Mr. Perry.

31. Cicero's Letters. (3 Hrs.). A large number of letters will be read showing Cicero's tastes and relation to his personal and literary friends. Alternates with 21. Prerequisite, Latin 15-16.

T., Th., S., 8:00.

Mr. Perry.

32. Horace. (3 Hrs.). This course will include the reading of Odes and Epodes with selections from the Sa-

tires. Alternates with 22. Prerequisites, Latin 21 or 31.
T., Th., S., 10:30. Mr. Perry.

33-34. **Roman Private Life.** (1 Hr.). Prerequisites,
Latin 15-16.
W., 8:00. Mr. Perry.

51. **Livy.** (3 Hrs.). Large portions of Books XXV
and XXII will be read with particular attention to Livy's
qualities as an historian. Prerequisite, Latin 21 or 31.
Time to be arranged. Mr. Perry.

52. **Plautus and Terence.** (3 Hrs.). The Menaechmi
of Plautus and Phormio of Terence will be read together
with other plays, with frequent reports. Prerequisites, La-
tin 22 or 32.
Time to be arranged. Mr. Perry.

53-54. **Latin Composition.** (1 Hr.). This course is
designed for students who expect to teach Latin. Prere-
quisite, Latin 15-16.
Time to be arranged. Mr. Perry.

MATHEMATICS

11-12. **Freshman Mathematics.** (4 Hrs.). A study of
the elementary functions algebraic and transcendental, the
graphical and analytical solutions of problems, the theory
of measurement, the slide rule and certain fundamental ideas
of the calculus with applications.

Sec. I. T., Th., F., S., 9:00.

Sec. II. T., Th., F., S., 11:30.

Mr. Cramblet.

13. **Mechanical Drawing.** (4 Hrs.).

T., W., Th., F., 1:30.

Mr. Cramblet.

14. **Surveying.** (4 Hrs.). Problems with the com-
pass, level, transit and planetable. Prerequisite, Math.
11-12.

T., Th., 1:30 and Saturday or Monday afternoon.

Mr. Cramblet.

31. Analytic Geometry. (2 Hrs.). Prerequisite, Math. 11-12.

W., F., 8:00.

Mr. Cramblet

52. Theory of Equations. (2 Hrs.). Prerequisite, Math. 11-12.

W., F., 8:00.

Mr. Cramblet.

33-34. Calculus. (3 Hrs.). Prerequisite, Math. 11-12. T., Th., S., 8:00.

Mr. Cramblet

51-52. Mechanics. (3 Hrs.). Prerequisite, Math. 33-34.

Hours to be arranged.

Mr. Cramblet.

53-54. Advanced Calculus. (3 Hrs.).

Hours to be arranged.

Mr. Cramblet.

NOTE.—Students offering only two units of mathematics for entrance may be required to do additional work at the option of the instructor in charge.

Students electing to major in this department will be required to offer at least one minor from Group 4.

MUSIC

Piano. The course of instruction consists of an Elementary Course and a Collegiate Course.

The Elementary Course covers the work from the first beginnings to the third grade inclusive, upon a basis of seven grades. It includes adequate performance of works of the difficulty of Czerny op 299 Book I, and the easier Mozart Sonatas. It should be completed by a pupil of average talent and with close application in three years.

Mrs. Moos.

The Collegiate Course is a continuation of the Elementary Course, leading to the full mastery of the instrument as represented by the best classical and modern masters.

With adequate preparation and fair natural endowment, it may be completed in four years.

Mr. Moos.

Organ. This course requires as prerequisites a Piano technique equivalent to the work completed in the first year of the Collegiate Course. Three years should give full command of the instrument for Church and Recital.

Mr. Moos.

Voice. The course in Voice, granted good natural voice endowment and adequate concentration on the pupil's part, can be completed in four years. It proceeds from scientific voice placement to the study of art songs and a comprehensive church and concert repertory.

Miss Freese.

MUSICAL THEORY

11-12. Beginning Harmony. (2 Hrs.). Intervals, Triads, Seventh Chords, Harmonizing, Melodies. Prerequisites, Elementary Piano Course; knowledge of major and minor keys.

Hours to be arranged.

Mr. Moos.

31-32. Advanced Harmony. (2 Hrs.). Continuation of Course 11-12. Suspensions, Altered Chords, Modulation, Harmonizing Melodies continued, and Harmonic Analysis.

Hours to be arranged.

Mr. Moos.

51. Musical History. (2 Hrs.). Historical Progress and Tendencies from ancient to modern times. Prerequisites, Elementary Piano Course and Course 11-12. May be taken during the Sophomore year.

Hours to be arranged.

Mr. Moos.

52. Musical Form. (2 Hrs.). Structural principles of musical forms. Illustration and analysis of the

typical forms. Prerequisites, First year of Collegiate Piano Course and Courses 11-12, 31-32 and 51.

Hours to be arranged.

Mr. Moos.

53-54. Counterpoint. (2 Hrs). Single and double Counterpoint, writing of original inventions. Analysis of polyphonic forms. Prerequisites, Second year of Collegiate Piano Course, Courses 11-12, 31-32, 51 and 52.

Hours to be arranged.

Mr. Moos.

33-34. Piano Teachers Training Course. (2 Hrs.). Pre-keyboard training of children, elementary piano training, lectures and practice teaching. Prerequisites, First year Collegiate Piano Course.

Hours to be arranged.

Mr. Moos.

55-56. Piano Teachers Training Course. (2 Hrs.). Continuation of Course 33-34. Teaching of adult beginners. Typical classroom problems. Teaching of ornamentation, phrasing interpretation, lectures and demonstrations. Prerequisites, Second Year Collegiate Piano Course.

Hours to be arranged.

Mr. Moos.

NEW TESTAMENT

11-12. Life of Christ. (4 Hrs.). A full year is given to the study of the four Gospels in order to secure familiarity with their contents and a sane interpretation of their religious message.

T., W., Th., F. 10:30.

Mr. Carpenter.

31-32. Acts and Epistles. (4 Hrs.). A historical study of the Acts and Epistles with attention to the religious and doctrinal teachings. Sufficient introductory material is studied to furnish settings for the various books.

T., Th., F., S., 8.00.

Mr. Carpenter.

101. New Testament Introduction. (3 Hrs.). A study of the New Testament text and canon. Lectures

with much assigned reading. Prerequisites, New Testament 11-12 and 31-32. Open to Seniors.

T., W., F., 9:00.

Mr. Carpenter.

102. New Testament Introduction. (3 Hrs.). A study of the New Testament books considering the dates, authorship, credibility and the more important critical problems. Prerequisite, New Testament 101. Open to Seniors.

T., W., F., 9:00.

Mr. Carpenter.

21. General Bible. (3 Hrs.). An outline course in Old Testament History. For non-ministerial students. Not counted toward Old Testament major.

T., Th., S., 11:30.

Mr. Carpenter.

22. General Bible. (3 Hrs.). Selected readings from the Gospels together with chosen passages from the Acts and the letters of Paul will be studied. For non-ministerial students. Not counted for New Testament major.

T., Th., S., 11:30.

Mr. Carpenter.

OLD TESTAMENT

11-12. Old Testament History. (4 Hrs.). What the English Bible has to say concerning the history of the world in general and the people descended from Abraham until the establishment of the Hebrew Kingdom. Covers Pentateuch, Joshua, Judges, Ruth and Job. Not offered in 1922-23.

Mr. Calhoun.

31-32. Old Testament History. (4 Hrs.). The History from the establishment of the Kingdom under Saul to the end of the history as contained in the Protestant English Bible. The prophets of Israel are placed historically and the setting of each one's message is considered. Covers Samuel, Kings, Chronicles, Ezra, Nehemiah and Esther.

T., W., Th., S., 11:30.

Mr. Calhoun.

53-54. Old Testament Concomitata. (2 Hrs.). This course covers those subjects which, while not in the Old

Testament, should accompany it, furnishing a proper background for all other Old Testament courses. It includes Old Testament Geography, History, Contemporaneous to the Old Testament and intermediate between the Old and New Testaments.

T., Th., 8:00.

Mr. Calhoun.

51-52. Old Testament Literature. (2 Hrs.). This course is devoted to a study of the different types of literature found in the Old Testament such as Legal Poetical and Prophetical. Alternates with 53-54. Prerequisites, Courses 31-32, 81-82.

W., F., 8:00.

81-82. The Hebrew Language. (4 Hrs.). This course is intended to give the student such a knowledge of Hebrew as to enable him to prosecute its further study without the aid of a teacher should he so desire. Not offered in 1922-23.

T., W., Th., F., 1:30-3:30

Mr. Calhoun.

111-112. Hebrew Literature. (3 Hrs.). Covers as fully as possible the different types of literature in the Hebrew Bible. A knowledge of the laws for the analysis and combination of all current forms is stressed. Prerequisite, 81-82. Hebrew Language.

T., Th., F., 1:30.

Mr. Calhoun.

PHILOSOPHY

41. Logic. (3 Hrs.). A study of the nature and function of thought; the principles and methods of scientific thinking; immediate and mediate inference; fallacious reasoning. Not offered 1922-23.

Mr. Leitch.

42. Ethics. (3 Hrs.). A study of the nature, origin, and development of morality; the more important ideals of conduct; readings in the greater ethical thinkers: Plato, Aristotle, Buddhism, Christian Ethics, Kant, etc.; the ap-

plication of moral principles to the concrete problems of individual and social life. Not offered 1922-23.

Mr. Leitch.

53-54. History of Philosophy. (3 Hrs.). An introduction to Philosophy through a study of the rise and development of philosophic thought in the Greek, Roman, mediaeval and modern periods. The aim is to prepare the student to face present day problems by familiarizing himself with the typical and recurring problems of thought and the solution of these offered by the world's great thinkers.

T., W., F., 10:30.

Mr. Leitch.

PSYCHOLOGY

31-32. Psychology General and Applied. (3 Hrs.). An introductory course dealing with the nature of mental life, its biological and physiological conditions, its development, etc. A special study of the more important phases, such as sensation, perception, attention, association, memory, etc. Simple psychological experiments illustrating the subject matter studied: the methods and fields of psychology; the application of psychological principles to law, medicine, education, the ministry, industry, business, and the problems of every day life.

T., W., F., 11:30.

Mr. Leitch.

33-34. Individual and Social Psychology.—(3 Hrs.). An introductory course dealing with the fundamental causes of human behavior in its individual and social aspects. Original and acquired tendencies—instinct, emotion, habit, reflection, volition, etc.; the influence of heredity and environment; individual differences; man's behavior in groups; mental development in childhood and adolescence, etc.

T., Th., S., 9:00.

Mr. Leitch

51. Educational Psychology. (3 Hrs.). A study of the psychological principles involved in the study and teaching of the Common and High School branches. The learn-

ing process, practice and improvement, transfer of training, mental fatigue, individual differences in learning, etc.

T., Th., S., 8:00.

Mr. Leitch.

52. Mental and Educational Measurements. (3 Hrs.). A systematic study of the more important tests and scales for the measurement of mental ability and educational achievement. The Stanford Revision of the Binet Scale, group intelligence scales, and standard educational scales will be studied in detail and applied.

T., Th., S., 8:00.

Mr. Leitch.

PHYSICS

***11. General Physics.** (4 Hrs.). A brief course for those who have had no previous training in the subject. A general survey of the whole range of physics is made in one semester. This course may be taken for credit only by those who do not offer physics for entrance. Will not be accepted as part of work for major or minor.

T., Th., F., 10:30.

Laboratory W., 10:30-12:30.

Mr. Pomeroy.

31 Mechanics and Heat. (4 Hrs.). This course, with courses 32 and 33, cover the usual college course in general physics. A good deal of stress is laid on the systematic working of every-day physical problems. Prerequisites, Physics 11 or High School Physics. Mathematics 11-12 must precede or accompany this course.

T., Th., F., 2:30.

Laboratory W., 2:30-4:30.

Mr. Pomeroy.

32. Sound and Light. (4 Hrs.). A companion course to Physics 31 which should precede it. Hours and prerequisites as in 31.

Mr. Pomeroy.

33. Electricity and Magnetism. (4 Hrs.). A companion course to Physics 31 and 32. Prerequisites as in Phys-

ics 31, which must precede or accompany this course.

T., Th., F., 8:00.

Laboratory, W., 8:00-10:00.

Mr. Pomeroy.

34. Dynamos and Motors. (4 Hrs.). An introduction to the theory of alternating current generators and motors. The characteristics of various types are studied in the laboratory. Prerequisites, Physics 33.

T., Th., F., 8:00.

Laboratory, W., 8:00-10:00.

Mr. Pomeroy.

41. Photography (2 Hrs.). A study of photographic optics exposures, development, enlarging and contact printing processes and lantern-slide making. The theory and use of the projection lantern for still and moving pictures. One lecture and at least three hours of directed practical work per week. Prerequisites, Physics 32 and an elementary knowledge of General Chemistry.

Hours to be arranged.

Mr. Pomeroy.

43. Laboratory Arts. (1 Hr.). A course designed for those who intend to teach science. One three-hour laboratory period per week is devoted to practice in the design, construction and repair of apparatus. Instruction in simple glass working is included. Will not be accepted as part of requirements for major or minor. Prerequisites, 16 hours of college science.

Hours to be arranged.

Mr. Pomeroy.

46. Wireless Telegraphy. (2 or 3 Hrs.). A course dealing with damped and undamped oscillations, oscillation frequencies and wave lengths, detectors, wireless telephony and other topics relating to modern radio practice. In addition to this theoretical work each student may spend one evening each week in station operation, measurement of wave lengths, etc. and receive one hour extra credit. Prerequisites, Physics 31 and 33, and Math. 33-34. Physics 34 is desirable.

Hours to be arranged.

Mr. Pomeroy.

51-52. Theoretical Mechanics. (3 Hrs.). See Mathematics 51-52. Mr. Cramblet.

53. Electricity and Magnetism. (3 Hrs.). A course in the mathematical theory of electricity and magnetism. Prerequisites, Physics 33 and Math. 33-34. Hours to be arranged. Mr. Pomeroy.

54. Electrical Measurements. (3 Hrs.). A laboratory course in the measurement of potential, resistance, capacity, inductance and hysteresis. Prerequisites, Physics 33 and Math. 33-34. (The student is advised to precede this course by Physics, 53, if possible). Hours to be arranged. Mr. Pomeroy.

55. Properties of Matter and Thermodynamics. (3 Hrs.). A course of lectures covering elasticity, kinetic theory of gasses and thermodynamics. Prerequisites, Physics 31 and 33 and Math. 33-34. Not offered in 1922-23. Mr. Pomeroy.

56. Physical Optics. (3 Hrs.). Lectures and recitations covering some of the more important phases of physical optics. Prerequisites, Physics 31, 32 and 33, and Math. 33-34. Not offered in 1922-23. Mr. Pomeroy.

58. Problems in Modern Physics. (2 Hrs.). A course of lectures on certain phases of conduction through gasses, Radioactivity, Electron theory, Quantum theory, etc. Reports on outside reading will be required. Prerequisites, Physics, 31, 32 and 33, and Math. 33-34. Hours to be arranged. Mr. Pomeroy.

PHYSICAL EDUCATION

A. For Women.

11-12. Physical Education. (1 Hr.). An elementary course in gymnasium work which includes simple practices in tactics, Swedish exercises, games, folk dancing, and cor-

rective work. This course is required of all Freshmen unless excused by reason of physical inability.

W., F., 3:30.

Miss Butzer.

31-32. Physical Education. (1 Hr.). A continuation of the work of the first year increasing the movements and developing the skill of the student in rhythmic exercises, games and gymnastic dancing. Prerequisite, Physical Education 11-12.

W., F., 3:30.

Miss Butzer.

52. Physical Education. (1 Hr.). A brief course in the theory and fundamentals of gymnastic teaching. A course designed to fit the student to conduct high school and grade classes in physical education. Practice teaching. Prerequisite, Physical Education, 11-12.

S., 10:00-12:00

Miss Butzer.

B. For Men.

13-14. Physical Education. (1 Hr.). This course is designed to exercise and develop the body. Setting-up exercises, mat-work, indoor baseball, swimming, and all sports in season. Men who work a full season on the football squad are excused with credit for the work of the second semester.

T., Th., 1:30, 2:30, 3:30.

Mr. Riblet.

33-34. Physical Education. (1 Hr.). A continuation of work of the first year. Prerequisites, 13-14.

T., Th., 1:30, 2:30, 3:30.

Mr. Riblet.

POLITICAL SCIENCE

11-12. Principles and Problems of Government. (4 Hrs.). Not given in 1922-23.

Mr. Woolery.

77. American Government. (3 Hrs.). A study of the constitutional forms and workings of the federal govern-

ment. Comparison of the present problems of the three or four leading nations. Prerequisites, Courses 51 and 52, or 63 and 64.

T., Th., S., 8:00.

Mr. Woolery.

78. International Law. (3 Hrs.). The rules held to be binding between nations, with the changes wrought by the events of the past few years, approached largely by means of cases. Prerequisites, same as for course 77.

T., Th., S., 8:00.

Mr. Woolery.

PUBLIC SPEAKING

31-32. Public Speaking. (3 Hrs.). The fundamental principles of Expression are taught in this course. Correct methods of thought, feeling and will as these processes are related to expression are set forth. Careful training is given in the correct use of the four languages, tone, word, facial expression and gestures. Prerequisites, English 11-12.

T., W., F., 10:30.

Mr. Calhoun.

33-34. Debating. (2 Hrs.). Both the science and art of debating is taught. Much practice is required in the actual work of debating. The best methods of preparation of arguments and of their presentation is taught. Prerequisite, English 11-12.

T., Th., 9:00.

Mr. Calhoun.

RELIGIOUS EDUCATION.

(Herbert Moninger Foundation of Bible School Pedagogy)

31-32. Introductory Course. (3 Hrs.). Affords to all students the opportunity of preparation for serving a local church school as teachers, general or class officers, group leaders. Deals briefly with organization, administration, methods, materials, child study, teacher training, various agencies of religious education, departmental activities. Credit not allowed those majoring in Religious Education.

and will not be counted in prescribed work for graduation.
T., W., S., 9:00. Mr. Miller.

35. History of Religious Education. (3 Hrs.). A historical study of the development of educational practice and theory in primitive society and within organized Christianity. Modern tendencies and movements. History of Sunday School from its genesis to present time.

T., Th., F., 10:30. Mr. Miller.

36. Organization and Administration. (3 Hrs.). Organization and work of the church school vacation Bible school, day school of religion, community training school. A unified system of religious education correlated with other educational agencies of the community. A practical organization for young people.

T., Th., F., 10:30. Mr. Miller.

51. Theory of Religious Education. (3 Hrs.). Fundamental principles. Biological, psychological, and sociological factors. Functions of the family, the church, and the school. Not offered in 1922-23. Mr. Miller.

52. Materials of Religious Education. (3 Hrs.). Principles underlying the selection and preparation of lesson material. Critical analysis of graded and other material. Building up a curriculum. Selection and preparation of Biblical material for actual use in church school. Not offered in 1922-23. Mr. Miller.

57. Psychological Principles of Childhood and Adolescence. (3 Hrs.). A study of the facts of mental development throughout childhood and adolescence with special reference to the problem of moral and religious education. Prerequisite, Psychology 33-34.

T., Th., S., 3:00. Mr. Miller.

58. Training for Leadership. (3 Hrs.). Psychological principles, underlying group organization and leadership. Discussion groups, leaders of Boy Scouts, clubs, and kin

dred groups, Girl Scouts, organized classes, adult leadership in community life. Prerequisite, Psychology 33-34.

T., Th., S., 8:00.

Mr. Miller.

71. Methods in Religious Education. (3 Hrs.). Study of entire field. The course consists of (a) two hours devoted to methods and class management, class organization, expressional activities, teacher training, hand work, and (b) story-telling principles, sources, adaptation, practice in telling. Prerequisite, Psychology 33-34. Not offered in 1922-23.

Mr. Miller.

72. Worship, Music and Missions. (3 Hrs.). Educational aspects of worship from the genetic point of view, and the function of worship in a religious educational system. Evaluation of hymns, special music, and pictures as mediums of impression and expression in the cultivation of the religious life. Instruction in missions and cultivation of missionary spirit in the church school. Prerequisite Psychology 33-34. Not offered in 1922-23

Mr. Miller.

SOCIOLOGY

51. Principles of Sociology. (3 Hrs.). Introductory course to acquaint the student with the fundamental principles of society and social development.

T., W., F., 11:30.

Mr. Miller.

51. Rural Sociology. (3 Hrs.). Social, economic, and religious conditions in rural communities. Especial attention to place of rural church and rural school. Constructive and remedial forces receive emphasis. A continuance of Sociology 51.

T., W., F., 11:30.

Mr. Miller.

71. Poverty. (3 Hrs.). A study of causes with an analysis of remedial forces and preventive agencies. Includes principles and methods of practical philanthropy. Prerequisite, Sociology 51-52.

T., Th., F., 2:30.

Mr. Miller.

72. Crime. (3 Hrs.). Nature of crime, treatment of the criminal, evaluation of present remedial systems, critical analysis of the best corrective agencies. Prerequisite, Sociology 51-52.

T., Th., F., 2:30.

Mr. Miller.

77. Child Welfare. (3 Hrs.). Normal child life in contrast with conditions that make for abnormality. Prenatal and postnatal health conditions, causes of disease and death, child labor and child labor laws. Prerequisite, Sociology 51-52. Not offered in 1922-23.

Mr. Miller.

78. Immigration. (3 Hrs.). A brief study of racial characteristics, followed by a detailed study of our national problem of immigration. Prerequisite, Sociology 51-52. Not offered in 1922-23.

Mr. Miller.

SPANISH.

***11-12. Elementary Spanish.** (4 Hrs.). Thorough drill in pronunciation, inflections, elements of syntax and a good working vocabulary. The stress is put on oral work and loud daily preparation is obligatory. No credit for less than one year's work.

T., W., F., S., 11 30.

Mr. Hering.

31-32. Intermediate Spanish. (4 Hrs.). Review of inflections, more detailed work in syntax, composition, dictation, memorizing, and reading of modern authors, not less than 300 pages. Work partly conducted in Spanish.

T., W., F., S., 10:30.

Mr. Hering.

51. Reading of Classical and Modern Authors. (3 Hrs.). Reading, translation composition based on text and dictation. Outside reading. Memorizing.

T., Th., F., 1:30.

Mr. Hering

52. Methods, Phonology and Composition. (3 Hrs.).

First five weeks methods of teaching a modern language, balance of semester phonology and composition, original and based on text. Prerequisite, five semesters of Spanish. Required of all students majoring in Romance language or expecting to teach a Romance language.

T. Th., F., 1:30.

Mr. Hering.

SUMMER SCHOOL

The Nineteenth Annual Summer School of Bethany College will be held from June 18th to July 27th.

SUMMER SCHOOL FACULTY

The Faculty of the Summer School will include several members of the Bethany and other college faculties. The work will be thorough and every effort will be made to equal the highest college requirements.

PURPOSES OF THE SUMMER SCHOOL

1. To offer teachers and those preparing to teach opportunity for larger service in their chosen profession.
2. To offer students of all colleges, and especially Bethany, work that may be credited upon the regular college course.
3. To provide courses of study adapted to the needs of all.

The work is intensive and thorough.

CREDIT

A student in the Summer School may complete six semester hours of college work. One hundred and twenty-four hours of work of college grade are required for any of the baccalaureate degrees. Fifteen units of preparatory work are required for college entrance.

SPECIAL BULLETIN

A special bulletin of the Summer School is issued by the college. This may be obtained by addressing the Office of the President.

REGISTER OF STUDENTS, 1921-22.

Graduate Students

Howes Thomas H.	Bethany, W. Va.
Hunter, Mrs. Minnie G.	Bethany, W. Va.
Jones, Joel Lee	Hollidays Cove, W. Va.

Seniors

Austin, Marian C.	Litchfield, Ill.
Anderson, Margaret J.	Pittsburgh, Pa.
Burdette, Ethel	Dennison, Ohio
Balsinger, Maude	Uniontown, Pa.
Bixler, Vinson H.	Mitchell, Ind.
Baker, Elizabeth	Mannington, W. Va.
Bucy, Valeria H.	Bethany, W. Va.
Bucy, Clifford	Bethany, W. Va.
Crandall, J. R.	Bethany, W. Va.
Cope, Rue Alice	Beaver Falls, Pa.
Cooper, Marvin	Cox's Mills, W. Va.
Carlisle, Floyd L.	Utica, Ohio
Campbell, Grace	Peoria, Ill.
Cox, Dessie Bea	Cameron, W. Va.
Dorsey, Katherine	Pittsburgh, Pa.
Darbyshire, Miriam	McComb, Ohio
Elsam, Ruby	Hatta, C. P., India
Ellis, W. R.	Bethany, W. Va.
Frank, Ira S.	Ephrata, Pa.
Griffith, Lottie	Republic, Pa.
Hyatt, Alfred	Connellsville, Pa.
Helme, Frank	Buffalo, N. Y.
Hagedorn, Helen	Bellaire, Ohio
Hottel, Grace	Steubenville, Ohio
Hurt, Mary	Pounding Mill, Va.
Hurt, Kate	Pounding Mill, Va.
Hershberger, Donald R.	Wilkes Barre, Pa.
Hayes, Gladys	Gambier, Ohio
Ishikawa, Yonosuke	Mujageken, Japan
Kakarise, Grace	New Enterprise, Pa.
Murphy, Olive	Newark, Ohio
Navarro, Manuel	Argentine, Buenos Aires
Redacre, Mrs. S. C.	Bethany, W. Va.
Strobel, Elwood	Cameron, W. Va.
Stewart, Fred K.	Winchester, Ill.
Steindorf, Jennie	Wheeling, W. Va.
Springer, Audrey P.	Crooksville, W. Va.
Smith, S. R.	Stoutsville, Ohio
Schwinger, E. C.	Tonawanda, N. Y.

Tsukada, Toyozo	Osaka, Japan
Tuck, Robert S.	Columbiana, Ohio
Van Sise, John W.	Cuyahoga Falls, Ohio
Watson, Margaret	Addison, Pa.
Watson, C. C.	Norfolk, Va.

Juniors

Arnold, Lois	Romney, W. Va.
Allen, Samuel S.	Bellevue, Pa.
Booth, Jay Northrup	Huntington, W. Va.
Boone, B. B.	Jacksonville, Fla.
Burns, Jean	Indianola, Iowa
Bromley, Don M.	Hickory, Pa.
Beatty, Clarence E.	Detroit, Mich.
Burns, Caroline	Indianola, Iowa
Cundiff, Wood B.	Columbia, Ky.
Coller, Floyd	Bowling Green, Ohio
Donaldson, Frank	Beverly, Ohio
Darsie, Leigh	W. Homestead, Pa.
Elsam, Harold G.	Hatta, C. P., India
Egbert, Mrs. T. R.	Bethany, W. Va.
Francis, Carl	Cadiz, Ohio
Gedeohn, Olive	Buffalo, N. Y.
Goettling, C. C.	Follansbee, W. Va.
Gillespie, Vere E.	Ligonier, Ind.
Howell, Everett	Cuyahoga Falls, Ohio
Holman, Grant	Livingston, Tenn.
Hibler, Marian	Bethany, W. Va.
Hibler, Anna	Bethany, W. Va.
Herbster, William	Pittsburgh, Pa.
Higgs, John L.	Moundsville, W. Va.
Jacobs, Samuel W.	Wellsburg, W. Va.
James, Gayle	Deersville, Ohio
Kirk, Dorothy	Des Moines, Iowa
Lee, Grace Agnes	Barberton, Ohio
Lamb, T. Dee	Bethany, W. Va.
McCormick, Denton	Cameron, W. Va.
McKinney, W. H.	Manchester, N. H.
Moser, Nellie	Wheeling, W. Va.
Ryan, Mac	Bethany, W. Va.
Ryan, Margaret	Bethany, W. Va.
Russell, E. D.	Pine Bluff, Ark.
Reinhold, Ernest M.	Oakmont, Pa.
Randolph, Harry	Dickerson Run, Pa.
Steindorf, Margaret	Wheeling, W. Va.
Smith, Gladys	Sistersville, W. Va.
Simmons, Leo	Dover, N. C.
Shafer, Paul	New Castle, Pa.
Schneider, Clara	Coal Run, Ohio

Seeley, John	Waterford, Ohio
Underwood, Frances	Buffalo, N. Y.
Woods, Emily	Plymouth, Pa.
Williams, A. R.	Sandusky, Ohio
Wilson, A. H.	Lockbourne, Ohio
Yoho, Mae M.	Huntington, W. Va.

Sophomores

Abbott, Merritt E.	Buffalo, N. Y.
Adams, John N.	Perryopolis, Pa.
Adkins, Roy	Decatur, Ill.
Broadley, K. T.	Joplin, Mo.
Bates, Thelma	Parkersburg, W. Va.
Baker, Sara	Mannington, W. Va.
Buck, William	Pittsburgh, Pa.
Barclay, Virginia	Crewe, Va.
Cook, Xantha	Fredericktown, Ohio
Carpenter, Glenn	Lorain, Ohio
Cannon, Sara M.	Mt. Vernon, Ohio
Dornbush, Frank	Steubenville, Ohio
Deemer, Helen T.	New Castle, Del.
Dunn, Finis	Braddock, Pa.
Earlywine, Ethel M.	Gambier, Ohio
Fitzgerald, Emmett	Parkersburg, W. Va.
Farabee, Florence M.	Washington, Pa.
Gepford, Sidney	Decatur, Ill.
Hutchinson, Martha E.	Huntington, W. Va.
Hurl, Robert D.	Follansbee, W. Va.
Higbee, Edna	Shadyside, Ohio
Helfer, Walter D.	Wheeling, W. Va.
Hildreth, Agnes	Bethany, W. Va.
Hart, Don	St. Clairsville, Ohio
Huford, Harold E.	Greenfield, Ind.
Joseph, Naomi Dott	New Lexington, Ohio
Jaras, Estanis	Washington, Pa.
Knapp, L. W.	Bethany, W. Va.
Kendle, E. F.	Faden City, W. Va.
Kelly, A. S.	Parkersburg, W. Va.
Kennedy, Violet	Bellaire, Ohio
Love, Mary	Cadiz, Ohio
Love, Francis	Cadiz, Ohio
Lineback, W. J.	Washington, D. C.
Lessner, John J.	S. Brownsville, Pa.
McCollam, Bertha G.	Uhrichsville, Ohio
McKinnis, Ruth	Bethany, W. Va.
McDermott, Irene	Pittsburgh, Pa.
Murray, Stephen E.	Philadelphia, Pa.
Mullen, Matis	Maysville, Ky.

Mulkin, C. D.	Bethany, W. Va.
Morris, Harriette	Shelby, Ohio
Miller, Mary Jane	Bethany, W. Va.
Metze, Frederic	Lowell, Ohio
Meacham, Cameron	Pittsburgh, Pa.
Matthews, William J.	Wellsburg, W. Va.
Marsh, Lawton	Bowling Green, Ohio
Noland, W. G.	Wellsburg, W. Va.
Negron, Bernardo	Porto Rico
Noland, W. G.	Wellsburg, W. Va.
Oakes, Clarice	Worthington, W. Va.
Rosino, Lynn G.	Sandusky, Ohio
Robbins, Elizabeth	McKeesport, Pa.
Reger, Carl	Littleton, W. Va.
Reed, Kenneth	Elmore, Ohio
Stowe, Alma A.	Uhrichsville, Ohio
Stevenson, L. B.	Prince Edward Island, Canada
Slee, Martha M.	Philpsburg, Pa.
Shipley, S. M.	Baltimore, Md.
Sheets, D. E.	Pittsburgh, Pa.
Turnbull, William	Patterson, N. J.
Taylor, Jean	Bethany, W. Va.
Wolford, Ray	Mt. Gilead, Ohio
Wilhelm, A. R.	Cameron, W. Va.
Wells, Noel	Bethany, W. Va.
Wells, Linley	Bethany, W. Va.
Wells, Edwin	Ashland, Ohio
Warren, Julia	St. Louis, Mo.
Wilfley, Katherine	Washington, D. C.
Young, H. E.	East Liverpool, Ohio
Zook, Earl	Fairbury, Ill.

Freshmen

Babcock, Leota A.	Lorain, Ohio
Baughman, Chester	West Newton, Pa.
Blair, H. D.	Perryopolis, Pa.
Barnhizer, Margaret	Anderson, Ind.
Burns, Nelson	Indianola, Iowa
Burdette, Everett	Dennison, Ohio
Brocklesby, Florence	Caledonia, Ohio
Brown, Arthur A.	Dickerson Run, Pa.
Bodley, Betty E.	Wheeling, W. Va.
Bell, Robert Wade	West Alexander, Pa.
Bailey, A. B.	Eldorado, Texas
Caldwell, Mary	West Alexander, Pa.
Cundiff, Stanley	Columbia, Ky.
Croxall, Kenneth	Tiffin, Ohio
Cline, Celia	Williamstown, W. Va.

Clay, Golden	Beckley, W. Va.
Dietrich, Martin	Minerva, Ohio
Deemer, Edna M.	New Castle, Del.
Davis, Dorothea	S. Milwaukee, Wis.
Darsie, George J.	Mt. Sterling, Ky.
D'Amico, Elizabeth	Somerset, Pa.
Dye, Madge	Hundred, W. Va.
Eyrich, Lester J.	Lockwood, Ohio
Ellis, Fred C.	Johnstown, Pa.
Elliott, George M.	Peru, Ind.
Evans, Gomer	Steubenville, Ohio
Friedrichs, Edward A.	Echo Point, W. Va.
Foster, Arnot	Bethany, W. Va.
Gandert, Albert	Sheiby, Ohio
Gulley, Thomas B.	Wellsburg, W. Va.
Green, C. Velmar	Ashley, Mich.
Gordon, Luta M.	Beech Bottom, W. Va.
Gillette, Rosemary	Bridgeport, Ohio
Gehring, Clyde	Dayton, Ohio
Hunter, Margaret E.	Rochester, Pa.
Hinerman, Doris	Cameron, W. Va.
Hess, Harry	Bellbrook, Ohio
Henderson, Blake	St. Clairsville, Ohio
Helphrey, Daniel	Utica, Ohio
Hall, Charles A.	Wellsburg, W. Va.
Idleman, Harold	New York, N. Y.
Jacob, Louise	Wellsburg, W. Va.
Johnson, Albert	Uniontown, Pa.
Jean, Walter	Dayton, Ohio
Kindleberger, Margaret F.	Wheeling, W. Va.
Kimble, James	Littleton, W. Va.
King, Thelma	Cameron, W. Va.
Kidder, George T.	East Liverpool, Ohio
Lukens, Virginia	McMechen, W. Va.
Luce, Ralph W.	Belle Vernon, Pa.
Luce, Jane	Belle Vernon, Pa.
Longdon, Evelyn M.	Pittsburgh, Pa.
Lewis, Theodore	Bowling Green, Ohio
Lankler, Ralph C.	Buffalo, N. Y.
Laporte, D. I.	Adelaide, Pa.
Lemke, Andrew	Buffalo, N. Y.
McCleary, James	New Castle, Pa.
McFadden, William	Bethany, W. Va.
McCollam, Mildred	Uhrichsville, Ohio
McIntyre, Walter	Fairmont, W. Va.
McGuire, Hugh M.	Bowling Green, Ohio
Mudge, Sarah	Covington, Ky.
Murray, Joseph L.	Philadelphia, Pa.
Miller, Edwin S.	Bethany, W. Va.

Marsh, Katherine	Wellsburg, W. Va.
Mackay, Melvin	Woodruff, W. Va.
Marling, Maurice	Bellaire, Ohio
Meyer, Emil	East Liverpool, Ohio
Morris Louise	Shelby, Ohio
Naylor, Melvin M.	Wheeling, W. Va.
Newman, Laura	Hannibal, Ohio
Pour, J. R.	Cleveland, Ohio
Pendleton, Cassil	Eustis, Fla.
Payne, Victor	Abilene, Texas
Patterson, Lawrence	Hopedale, Ohio
Prichard, J. Theodore	Leisenring, Pa.
Patterson, Robert L.	Mingo Junction, Ohio
Roark, George W.	Altavista, Va.
Riblet, D. C.	E. Cleveland, Ohio
Reed, Edith	Buckeye City, Ohio
Ray, Mary Lillian	W. Middletown, Ohio
Rawdon, Helen M.	Akron, Ohio
Sumpstine, W. J.	Somersct, Pa.
Steen, Robert	New Cumberland, W. Va.
Springer, Lois	Crooksville, Ohio
Snyder, Helen Gladys	Steubenville, Ohio
Smith, Harold S.	Wheeling, W. Va.
Stine, Emmett	New Martinsville, W. Va.
Shoemaker, C.	Oskaloosa, Iowa
Simmons, Lennie	Dover, N. C.
Schell, Donald E.	Ambridge, Pa.
Turley, Hollis	Eden, Pa.
Turner, Virginia	Cleveland, Ohio
Townsend, B. W.	Cleveland, Ohio
Thompson, Helen	Industry, Pa.
Terrill, Clarence	Tacoma Park, Md.
Villers, Earl	Littleton, W. Va.
Woods, Ralph	Littleton, W. Va.
Whitney, Mary J.	Parkersburg, W. Va.
Whitehead, Ralph	Wellsburg, W. Va.
White, Lois	Lancaster, Ohio
Wheaton, Harry D.	Wheeling, W. Va.
Wharton, Eleanor	Wellsburg, W. Va.
Whaley, R. J.	New Castle, Pa.
Wells, Frieda	Bethany, W. Va.
Ward, Normal	Huntington, W. Va.
Walter, J. E.	Oakmont, Pa.
Wallace, Marion	Wheeling, W. Va.
Walther, Fred H.	Kirkwood, Mo.
Yocum, Katherine	Steubenville, Ohio

Special Students

Bennett, O. E.	Bethany, W. Va.
Boness, Bertha	Sharon, Wis.
Cameron, Glenn	Bethany, W. Va.
Cook, Perry J.	Albion, Pa.
Ellis, E. Wilbur	Johnstown, Pa.
Granger, Mary	Somerset, Pa.
Hussey, Helen	Bethany, W. Va.
Olsey, Theodore	Brooklyn, N. Y.
Wiseley, Gertrude	Findlay, Ohio

Summer School—1921

Adams, John	Perryopolis, Pa.
Allen, Luvenia	Eldorado, Kansas
Bowman, Pearl	Wellsburg, W. Va.
Birch, Lillie H.	Wheeling, W. Va.
Borland, Dorcas A.	Wheeling, W. Va.
Brokaw, Sara W.	Wheeling, W. Va.
Bender, Anna A.	Wheeling, W. Va.
Baker, Elizabeth	Mannington, W. Va.
Purig, Glenn	Bethany, W. Va.
Buchanan, P. P.	Unionport, Ohio
Bente, Alma H.	Wheeling, W. Va.
Boone, Brace B.	Jacksonville, Fla.
Bryan, Ila K.	New Cumberland, W. Va.
Bixler, Vinson H.	Mitchell, Ind.
Beck, Esther	Follansbee, W. Va.
Brandon, Flora M.	New Cumberland, W. Va.
Bente, Elizabeth J.	Wheeling, W. Va.
Banting, Emma V.	Elmore, Ohio
Beshore, Dora H.	Mingo Junction, Ohio
Banbrick, Edna Daisy	New Cumberland, W. Va.
Caldorwood, Laura	Wellsburg, W. Va.
Crandall, J. R.	Bethany, W. Va.
Carpenter, Beatrice	New Martinsville, W. Va.
Cox, Dessie B.	Cameron, W. Va.
Culley, Raymond G.	Cameron, W. Va.
Calhoun, Margaret	Bethany, W. Va.
Caldwell, Maud	Wellsville, Ohio
Cox, Martha E.	Wellsburg, W. Va.
Dobbs, Mary Edith	Wheeling, W. Va.
Dornbush, Frank K.	Steubenville, Ohio
Dray, Vera M.	East Liverpool, Ohio
DeCamp, Alice D.	Moundsville, W. Va.
Evans, Mamie	New Cumberland, W. Va.
Evosovich, William	Steubenville, Ohio
Evans, Gomer D.	Steubenville, Ohio

Elder, Charles V.	Millersburg, Ohio
Fink, K. Evangeline	Wheeling, W. Va.
Francis, Carl C.	Cadiz, Ohio
Frank, Ira	Ephrata, Pa.
Fornwalt, Estella	Follansbee, W. Va.
Fornwalt, Edna	Steubenville, Ohio
Freed, Ella M.	Moundsville, W. Va.
Ford, Samuel J.	Pittsburgh, Pa.
Fegan, Margaret R.	Wellsburg, W. Va.
Gibbons, May	Hundred, W. Va.
Hare, Jane T.	Wheeling, W. Va.
Hays, Gladys	Gambier, Ohio
Hershberger, Don R.	Wilkes Barre, Pa.
Heldreth, Agnes	Bethany, W. Va.
Hyatt, Alfred H.	Connellsville, Pa.
Heaslett, Minnie E.	Holidays Cove, W. Va.
Hahn, Esther	Moundsville, W. Va.
Hall, Virginia	Steubenville, Ohio
Hufford, Olive M.	Eighty Four, Pa.
Hunter, Adah M.	Collier, W. Va.
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Marshall, Ica	New Cumberland, W. Va.
Marshall, Hazel	New Cumberland, W. Va.
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Martin Carrie	Toronto, Ohio

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Patterson, Agnes M.	Jerusalem, Ohio
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Scott, Florence I.	Collier, W. Va.
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Williams, Virginia	Moundsville, W. Va.
Wells, Noel D.	Bethany, W. Va.
Wells, Linley	Bethany, W. Va.
Wade, Joseph	Paden City, W. Va.
Wilson, Audrey	Follansbee, W. Va.
Wilhelm, A. R.	Cameron, W. Va.
Wood, Jean H.	Littleton, W. Va.
Young, H. E.	East Liverpool, Ohio
Zimmerman, Carrie	McMechen, W. Va.

Summary

Graduate Students	3
Seniors	44
Juniors	48
Sophomores	72
Freshmen	110
Special Students	9
Summer School—1921	142
Total	428
Names counted twice	32
Net Total	396

NOTE:—Of the 142 students attending summer school, 119 were of college rank.

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1923 and 1924

BETHANY COLLEGE

Founded 1841

Bethany, West Virginia



Published by Bethany College, Bethany, West Virginia
March, 1923

CALENDAR 1923

JANUARY								FEBRUARY								MARCH								APRIL								
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CALENDAR 1924.

JANUARY							FEBRUARY							MARCH							APRIL						
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21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22	21	22	23	24	25	26	27	
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COLLEGE CALENDAR

1923

1924

FIRST SEMESTER

- September 11—Tuesday—Entrance Examinations.
September 12—Wednesday—Registration Day.
September 13—Thursday—Recitations Begin.
November 9—Friday—Mid-Semester Reports.
November 10—Saturday—Home Coming.
November 29—Thursday—Thanksgiving Day.
December 15—Saturday, 3:30 P. M.—Christmas Vacation Begins.
January 3—Thursday, 8:00 A. M.—Christmas Vacation Ends.
January 28-31—Monday to Thursday—First Semester Examinations.
February 2—Saturday—Semester Reports.

SECOND SEMESTER

- February 5—Tuesday—Registration Day.
February 6—Wednesday—Recitations Begin.
February 22—Washington's Birthday.
April 4—Friday—Mid-Semester Reports.
April 18—Friday—3:30 P. M. Easter Recess Begins.
April 24—Thursday, 8:00 A. M. Easter Recess Ends.
May 30—Friday—Memorial Day.
June 4-7—Wednesday to Saturday—Second Semester Examinations.
June 8—Baccalaureate Sermon.
June 9—Monday—Annual Meeting of Board of Trustees.
June 11—Wednesday—Annual Commencement.

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B.L., Bethany College.

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Speaking and Dramatic Art.
A.B., Wooster University; Emerson School of Oratory;
University of Paris.

-----, *Professor of Physics.*

-----, *Professor of Agriculture.*

-----, *Graduate Manager of Athletics.*

-----, *Director of Physical Education*
for Women.

BENJAMIN F. STIMMEL, *Assistant in Chemistry.*

WILBUR J. SUMPSTINE, *Assistant in Biology.*

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FOR 1923-1924

Athletics: Mr. Woolery, Mr. Cramblet, Mr. Weimer, Mr. Easterday.

Credentials: Mr. Workman, Mr. Carpenter, Mr. Gay, Mr. Yaney.

Entertainments: Mr. Miller, Mr. Weimer, Miss Mahaffey, Miss Morris.

Library: Mr. Calhoun, Mr. Leitch, Mrs. Bourne.

Oratory and Debate: Mr. Buchanan, Mr. Garrett, Miss Clayton.

Registration: Mr. Carpenter, Mr. Workman, Mr. Calhoun, Mr. Woolery, Mr. Garrett, Mr. Hunter, Mr. Leitch. Miss Mahaffey, Mr. Green, Miss Acker.

Schedule: Mr. Goodnight, Mr. Workman.

Student Publications: Mrs. Bourne, Mr. Woolery, Miss Clayton, Mr. Garrett.

College Functions: Miss Mahaffey, Mr. Hunter, Miss Acker.

GENERAL INFORMATION

ORIGIN

Buffalo Seminary, the fore-runner of Bethany College was inaugurated at Bethany, W. Va., in the year 1818 in the home of Alexander Campbell, commonly known as the Mansion. Here Mr. Campbell offered educational advantages for the youth of the community as well as training for young men in the work of the Christian ministry.

In 1840 Bethany College was chartered by the state of Virginia, through the efforts of John C. Campbell of Wheeling, W. Va. Its first donation was a \$1,000 legacy made by Philip B. Pendleton of Virginia. The campus was donated by the first President of the College, Alexander Campbell, who on his own responsibility began at once the erection of a commodious brick building for the use of the College. The first session opened in October, 1841.

LOCATION

Bethany College is situated in the Pan Handle of West Virginia, seven miles southeast of Wellsburg, fifteen miles north of Wheeling and forty miles south of Pittsburgh. Being as it is, almost one thousand feet above sea level and surrounded by picturesque and inspiring scenery, the location is considered very attractive and healthful. The village in which the college is located is easily accessible, being connected with Wellsburg by an interurban line. At Wellsburg connection is made with traction lines for Steubenville, Wheeling and other Ohio River points and also with the Pennsylvania Lines R. R. Brilliant, Ohio, just across the Ohio River from Wellsburg, is situated on the Cleveland and Pittsburgh railroad.

BUILDINGS AND GROUNDS

The College Campus—The college campus, containing about fifty acres, overlooks the beautiful Buffalo Creek. A well kept lawn, concrete walks, tennis courts, attractive entrance gates and hundreds of trees and shrubs give the campus a park-like appearance. These beautiful surroundings have a cultural advantage for students which should not be overlooked.

The Main College Building—The main college building stands on an elevation in the center of an attractive campus. It is an imposing structure of Gothic architecture and is well adapted to the purpose for which it is used. It contains numerous class rooms besides a beautiful college chapel and two literary society halls. Along the west side and running the entire length of the building is the Corridor, an open promenade 310 feet in length.

The E. W. Oglebay Hall of Agriculture—This hall was donated to the college by Earl W. Oglebay of Cleveland, Ohio. The corner stone was laid June 7, 1911. The building is used for the teaching of science and agriculture. It contains chemical, physical, biological and agricultural laboratories, a chemical supply room, several class rooms and the college administration offices. The class rooms and laboratories of the Home Economics Department occupy all the third floor. The style of architecture is Tudor Gothic and harmonizes with the Main College building.

Carnegie Library Building—This building is 95 feet wide and is constructed of brown pressed brick with Berea sandstone trimmings. The interior is finished with polished oak and presents a very attractive appearance. On the first floor is a large social and banquet room which has been made very attractive through the generosity of the late Mrs. E. W. Oglebay. The second floor is given over to the library proper and contains reading rooms and the book stack room which is furnished with steel shelving. On the third floor are four large rooms well adapted for class and lecture rooms.

The Percy B. Cochran Hall—This new dormitory was donated to the college by Hon. M. M. Cochran of Uniontown, Pa., in 1910, as a memorial to his son, Percy B. Cochran. The building is four stories high. The first story is used for dining room and kitchen and living rooms for the governor of the hall. The other floors are used as rooming places for young men. The building is of fireproof construction and built on the latest improved plan. The second and third floors are arranged in suites. In each suite there is a study room, and adjoining this study room there are two bedrooms. Two young men are supposed to occupy a suite of rooms. The building throughout is heated with steam and supplied with shower baths, sewerage, electric lights and all modern conveniences.

The Irving Gymnasium—This strictly modern gymnasium was donated by the Irvin family of Big Run, Pa. The building, being of Gothic architecture, is in harmony with the main college building. It is 100 feet in length and 52 feet in width and is equipped with swimming pool 20 x 40 feet, shower baths, team rooms, coach room, trophy room, lecture room, janitor's living room, lockers and track, in addition to the main gymnasium floor.

Phillips Hall—This dormitory, donated by the late Hon. Thomas W. Phillips, Sr., of New Castle, Pa., is stately and commodious, heated with steam and altogether adapted to the needs and conveniences of young ladies. Very recently several thousand dollars have been expended on improvements in this building. It has a capacity for sixty roomers. There is a large dining room on the first floor for the use of lady students and teachers. In this hall are also the rooms of the Dean of Women, who has direct supervision over all the lady students of the college. An earnest effort is made to make this hall a pleasant and attractive home for young ladies.

The Cochran Central Heating Plant—The college came into possession of this building and its equipment through the generosity of Hon. M. M. Cochran of Uniontown, Pa. Eight college buildings, the Bethany Memorial Church and

several dwelling houses which belong to the college are adequately heated from this source. Coal, taken from grounds owned by the college, is delivered by miners direct to the storage room of the plant without the labor of rehandling.

Pendleton Heights—A short distance to the north of the Main Building on the campus is the home of the President, known as Pendleton Heights. This building was erected by W. K. Pendleton, second President of Bethany College, and is admirably suited to its intended purpose.

Commencement Hall—This hall, which was utilized for a few years as a dormitory, is being remodeled. Outside walls are being repointed and new windows installed. The building will contain a large auditorium, some classrooms, a physics laboratory, etc. It is expected that this hall will be ready for use by September, 1923.

Apartment Houses and Other Dwellings—The college owns two apartment houses and eight other dwellings for the use of married students and people connected with the college. One of these dwellings is situated on the campus and was formerly owned and occupied by the late Professor A. C. Pendleton. One is used by one of the sororities of the college. The suites of the apartment houses furnish very satisfactory homes for married students and rent for \$180 a year with heat furnished.

The College Farms and Farm Buildings—Through the generosity of E. W. Oglebay of Cleveland, Ohio, Bethany College now owns the Alexander Campbell farm of 205 acres. At Mr. Oglebay's expense many improvements have been made on this farm, including a large, round dairy barn eighty-six feet in diameter, and a creamery building. By a deed bearing date of April 7th, 1914, Miss Margaretta E. Parkinson has given to the college the farm of 261 acres adjoining the college grounds on the north. Two other tracts of land are owned by the college, making a total of 535 acres that are available for use of the Department of Agriculture.

LIBRARY AND READING ROOMS.

The Library and Reading Rooms Equipment—Besides the bound makazines and pamphlets, the library now contains more than 14,000 volumes. Many volumes are added yearly. These are catalogued as promptly as possible and are classified by subjects according to the Dewey Decimal System of Classification. Members of the faculty and advanced students from the upper classes are admitted to the shelves. For all others, books are brought from the stack when requested.

General Regulations—The college library is open throughout the college year every week day except on special occasions as may be determined by the faculty. During the term the hours are 8:00 A. M. to 9:00 P. M., lunch, dinner, and chapel hours and Saturday and Monday evenings excepted. Students in every department are entitled to the free use of the library. Each student may take books out for a period of two weeks unless they are on "reserve". Books reserved by instructors for class use cannot be taken from the building until 9:00 P. M. and must be returned by 8:30 A. M. the following day.

Special Collections—The library has been the recipient of several valuable collections, among which may be mentioned the following: the libraries of Alexander Campbell, Dr. Robert Richardson, Miss A. C. Pendleton and Archibald McLean. The last named collection, given in November, 1922, consists of 1081 volumes especially strong in missions and theology.

Reading Rooms—The best periodicals, including some of the leading dailies and weeklies, as well as monthly and quarterly magazines and journals come regularly to the Reading Room tables.

LABORATORIES

Chemical Laboratories—The chemical laboratory rooms, chemical store room and balance room are situated on the

second floor of Oglebay Hall of Agriculture. The main chemical laboratory is provided with 160 lockers and will accommodate 80 students working at one time. These laboratories are equipped with modern apparatus for various kinds of chemical work.

Physics Laboratories—The physics laboratories have been for a few years on the first floor of Oglebay Hall. Rooms are now being provided in Commencement Hall for the physics department and the work will be done there as soon as the building is completed.

Biological Laboratories—The biological laboratories are situated in Oglebay Hall. These laboratories are equipped with compound microscopes and other apparatus needed for work in general biology, plant morphology, plant physiology, plant pathology, general zoology, embryology, histology, anatomy and physiology.

Agricultural Laboratories—The Oglebay Hall of Agriculture contains laboratories for various kinds of Agricultural work.

ENDOWMENTS

The M. M. Cochran General Endowment—On January 25, 1921, Hon. M. M. Cochran of Uniontown, Pa., gave Bethany College \$500,000 to be known as the M. M. Cochran General Endowment Fund. This amount was paid at once and has made possible the attainment of high aims in the academic work of the college. On February 19th, 1923, Mr. Cochran gave an additional \$300,000 to be known as the Cochran Endowment of 1923.

Endowment of Office and Chair of the President of Bethany College—Hon. M. M. Cochran of Uniontown, Pa., has donated to the college \$100,000 as an endowment of the office and chair of the President of the college.

Mrs. Sarah B. Cochran of Dawson, Pa., has generously contributed \$25,000 toward the endowment of a chair to be known as the Sarah B. Cochran Chair of Philosophy.

Hon. Thomas W. Phillips, Sr., of New Castle Pa., has given \$30,000 to endow a chair in Bethany College to be known as the Thomas W. Phillips Bible Chair.

Herbert Moninger Memorial Chair of Bible School Pedagogy—Through the interests and generosity of many Bible Schools, churches and individuals, a fund of \$25,000 has been given to the college for the endowment of the Moninger Memorial Chair of Bible School Pedagogy.

George T. Oliver Endowment—The late Senator George T. Oliver of Pa., an alumnus of the college, gave \$50,000 to the Permanent Endowment Fund to be used for the endowment of the Chair of History.

The Thomas W. Phillips, Jr., Endowment—T. W. Phillips, Jr., of New Castle, Pa., has generously donated to the college \$45,000 for endowment purposes.

STUDENT AID AND SELF HELP

Scholarships—A few friends of Bethany have endowed scholarships in the college. Most of these are worth \$30 per year and are in the hands of the donors or their heirs for assignment.

Phillips Loan Fund—A few years ago the Hon. Thomas W. Phillips of New Castle, Pa., generously donated to the trustees the sum of five thousand dollars, to be loaned to students of Bethany who are preparing for the ministry. The original fund as thus constituted has since been considerably increased by other generous gifts and by accrued interest. From this fund loans may be obtained by ministerial students on complying with the conditions of the loan. Personal or other approved security is required of those borrowing from the fund. No student is loaned more than one hundred dollars per year. The fund now amounts to more than \$12,000.

Student Employment—Work on the college farms and other work about the college affords opportunities to a number of young people to earn money to meet part of college expenses. No student can depend, however, on earning more than enough to pay board. Work is not promised to all who apply, and such as show a disposition to shirk in the performance of duties are not considered.

Student Preaching—Ministerial students are frequently called to fill pulpits within easy reach of Bethany. A number of our students preach regularly for near-by churches, and thus, in additions to the good they do for others, earn funds to meet their college expenses. We recommend, however, that no student below the junior year preach oftener than alternate Sundays.

STUDENT ACTIVITIES

Athletics—It is the purpose of the work in Physical Education at Bethany College to assist the students in keeping their bodies in the best possible physical condition. Physical training for both men and women is provided. Regularly organized classes in gymnasium and open air training are maintained. A minimum of two hours per week in gymnasium or field is required of those who are found by examination to be physically able. In connection with the work for men, intercollegiate teams are developed and maintained in football, baseball, basketball, tennis and track and field athletics. Many games with college teams are staged during the year. The student fee of \$10.00 per semester that is charged each student admits the student to all athletic contests excepting the Commencement week games.

The athletics of the college is under the supervision of a Board of Athletic Control made up of the Graduate Manager of Athletics, four members of the faculty appointed by the President of the college, four members of the alumni elected by the alumni and four members of the student body, chosen by the student council. The Presi-

dent of the college is ex-officio member of the Board. The captains of football, basketball, baseball and tennis are chosen by the teams themselves. Student managers of athletics are chosen by the Board. The Athletic Board reserves the right to remove any captain or manager for cause, at any time.

Student Council—The students of Bethany College have organized a Student Council for the purpose of promoting student interests and helping with the various phases of the life of the college. Matters pertaining to debating, athletics, student behavior and other general college matters are given attention. This council co-operates with the administration in every way.

Student Publications—The students publish the Bethany Collegian, a bi-weekly devoted to the interests of the college. The Bethany Harbinger is issued as a quarterly. It is devoted to the interests of the Alumni, the more general interests of the college and those many factors in the life of the Disciples that center in Bethany. Annually a publication called The Bethanian is issued under the more direct supervision of the Senior Class. The student fee of \$10.00 a semester that is charged each student entitles the student to free copies of all publications.

Literary Societies—There are in connection with the college three societies devoted to the cultivation of literary composition and oratory—the Neotrophian, the Adelphean and the American Literary Institute. Every student of the college is urged to become a member of one of these societies.

Oratorical Association—Bethany holds membership in two oratorical associations—the Interstate, including colleges of Western Pennsylvania, Eastern Ohio and Bethany in West Virginia, and the State Intercollegiate Oratorical Association. The Oratorical Association within the college, with the approval of the Faculty, conducts its own contests for the selection of its representatives in these intercollegiate contests.

Debating Contests—Each year teams from Bethany College meet teams from near-by colleges. This intercollegiate debating affords the best of opportunities for student development.

Christian Associations—The Y. M. C. A. and Y. W. C. A. both have a large and active membership among the students and are doing good work. Students are urged to become affiliated with one of these associations. One phase of the work of the Y. M. C. A. is to offer a course of lectures each year thus affording students the benefit of some of the best platform talent of the country. In addition to the regular lecture course, interesting and instructive lectures and entertainments are given by prominent people from time to time under the auspices of these associations and other organizations of the college.

Volunteer Mission Band—There is in the college a flourishing Volunteer Missionary Band, which is a strong factor in developing missionary spirit.

Ministerial Association—This association is made up of young men of the Ministerial Department who are engaged in the work of the ministry. Semi-monthly meetings are held, at which meetings vital problems relating to the ministry are discussed.

Fraternalities—The following fraternities are represented at Bethany: Beta Theta Pi, Kappa Alpha, Sigma Nu, Alpha Phi Epsilon, Tau Kappa Alpha, Rechabites, Alpha Xi Delta, Zeta Tau Alpha and Kappa Delta.

Bethany College Glee Club—This musical organization is under the direction of Professor Moos. During the year this club furnishes music for many college functions and with the aid of a reader and pianist provides entertainments for many churches of Ohio, Pennsylvania and other near-by states.

College Band—The present College Band has a membership of thirty-two. This organization furnishes music for all the outdoor functions of the college and gives a

series of concerts during the year. A number of instruments are available for the use of band members. Membership in this organization is open to all possessing the necessary qualifications.

The Merry Masquers—The "Merry Masquers" is the dramatic club under the auspices of the English department. It gives opportunity, not only for the exercise of ingenuity in working out stage setting, lighting, screening, etc., but for self expression in the artistic interpretation of the great characters in dramatic literature. The members of the club have staged parts of the old Miracle plays, the "Morality of Everyman", a sixteenth century "Grand Christmas" in the presence of Queen Elizabeth and her court. They give the Commencement play each year on the college campus. Such plays as "Mid-Summer Night's Dream", "The Tempest", Milton's "Comus", and other plays have been successfully staged in the open air.

GENERAL REGULATIONS

Class Attendance—A student is expected to be present at every meeting of the class of which he or she is a member. However, in order to provide for occasions when class attendance might jeopardize the health of the student, or for absences caused by circumstances over which the student has no control, some cuts are allowed without placing any obligation or penalty on the student. Three cuts a semester are allowed in four or five hour credit courses, two cuts in three hour courses, one cut in two hour courses and none in one hour courses.

In case of absences in excess of cuts allowed, when such absences are caused by serious illness or have been approved in advance by the Dean of the college or such person or persons as he may designate to act in his place, the student is given an opportunity to make up the work missed, in so far as the nature of the course admits of such a procedure. Included under this provision are such absences as those incurred by students participating in ap-

proved intercollegiate contests and such collegiate activities as have been sanctioned by the college faculty. In case the absences are due to sickness, application to make up the work must be accompanied by a doctor's certificate to the professors in charge, stating the duration of time that the student was unable to attend class.

The time and manner of making up work is left to the teacher in charge of the course in question, the aim being to satisfy the instructor that the work has been accomplished with such a degree of efficiency as to not seriously interfere with either the future work of the student or the class of which he or she is a member.

In case of absences in excess of the number of cuts allowed, when such absences are not covered by a doctor's certificate and have not been approved in advance by the Dean as soon as the student returns to school, the instructors of said student are not to afford opportunity for the work to be made up. It is to be also understood by all students that absences for any cause, whether approved or not, are to be counted when considering the number of cuts allowed. When for any reason a student does not make up work missed, the class standing of said student is to be lowered by giving a grade of F for each day missed.

When any student has as many as three absences in a four or five hour course, two in a three hour course and one in a two hour course, in excess of cuts allowed and these absences have not been approved, the instructor in charge of the course is to report the student to the Dean of the college before whom said student must appear to explain his or her conduct. In case the explanation is considered unsatisfactory the student may be suspended from class privileges for inattention to duty.

Final Examinations—All students are required to take the examinations that come during the last week of each semester. Those who show by class work and examination that they are entitled to a grade of D or above are passed.

Special Examinations—A student who has been marked incomplete in his course at the end of a semester may, with

the consent of the instructor, be given an opportunity to take a second examination on the payment of a fee of \$1.00. When a student is absent from a final examination he may have a special test upon the payment of a fee of \$2.00. Fees for special examinations must be paid at the office of the college bursar before the examinations are taken.

College Entrance Examinations—Students desiring examinations for college entrance will be given an opportunity to take them without charge on the day designated in the college calendar for such examinations.

The Grading System—The class standing of a student in any course pursued is reported by the use of letters. The meaning of letters used may be given as follows:

A—Excellent or 92 to 100 per cent. The letter A is used to denote work of unusual merit.

B—Good or 83 to 91 per cent. This letter is used to show an appreciation and grasp of the subject that is distinctly above the average and very satisfactory.

C—Average or 74 to 82 per cent. This letter signifies the grade of work done by an average student. It is expected that about fifty per cent. of grades given will be C.

D—Inferior or 65 to 73 per cent. This letter denotes work below the average. It shows a lack of application or of ability to grasp the subject.

Inc.—Incomplete or Conditioned. This abbreviation is used to indicate incomplete work which a student may be allowed to make up. The instructor in charge will decide how the condition may be removed, whether by re-examination, doing additional work or doing much better work in same subject the following semester. Failure to complete the work by the end of the following semester will result in having the grade recorded as F.

F—Failure or below 65 per cent. The letter F denotes work that is definitely unsatisfactory. A course in which a student has failed should be taken over at the first opportunity.

Penalty for Failures—Any student, found on examination of his scholastic standing to not be doing passing work in courses representing at least ten hours academic credit, is prevented from participating in any intercollegiate contest, and also any collegiate activity that necessitates the missing of classes, until such time as it is reported by the student's instructors that work has been performed, in courses representing ten hours or more of academic work which merits a grade of C for the part of semester covered. It is understood that one week's notice must be given a student before the penalty for unsatisfactory standing is put into force.

In case a student fails to pass in at least ten hours of work at the end of the semester, said student is deprived of the privilege of participating in any collegiate or intercollegiate activity during his or her following semester, unless he or she succeeds in completing by a second examination, or otherwise, a sufficient amount of work to obtain at least ten hours of academic credit for the semester, or shows by mid-semester grades the following semester that C quality work is being done in courses representing fifteen hours credit.

It is to be understood that students who fail to make passing grades in at least ten hours of academic work for any semester may secure only provisional enrollment for the next semester. If, when such students are provisionally enrolled, they fail to pass in courses representing ten hours of academic credit, further enrollment is refused except by action of the faculty.

Engaging Rooms in Advance—A student desiring to engage in advance a room in either of the dormitories for the college year must make deposit of \$10.00 at the college bursar's office not later than September 1st. Rooms will not be held after that date without this advance deposit.

The deposit will be used by the college to pay any damage done to the room or its equipment. In case no damage is done, the amount deposited will be returned at the end of the year. Any student rooming in a college building will be obliged to make this deposit whether or not the room is engaged in advance.

Number of Hours Allowed—A student must carry at least 15 credit hours of academic work each semester, unless for some good reason the Dean of the college allows a less number. No reduction in tuition is made for those who pursue fewer than this number of hours. No student is allowed more than 15 hours without consent of the Dean unless he or she has passed in all work and earned at least 25 quality points during the preceding semester. In no case will a student be allowed to carry over 18 hours of academic work.

Penalty for Late Registration—Students in attendance during any semester must register on the opening day of the following semester, if they desire to continue their work. Two dollars is charged for each day of delay in registering. This rule applies only to the opening of the semester and does not relate to students entering for their first semester.

Student Conduct and Discipline—It is the aim to have the discipline of the college firm and reasonable, appealing to the purest motives and best sentiments of the student. No rules for conduct are made save those believed to be dictated by wisdom. In all matters pertaining to personal conduct the Faculty believes in the American principle of self-government, and confidently relies upon the manly and womanly student for support. When any student cannot be controlled by the application of such principles, or when he becomes so indifferent to his opportunity as to fail to accomplish the object for which he is sent to college, his parents or guardian will be informed of the fact and requested to withdraw the student from the college.

Chapel Attendance—Chapel exercises are held four days

a week at ten o'clock in the morning. Attendance is obligatory on all students.

Religious Life of the College—It is the aim of the management to cultivate and develop the religious nature of the student; to create and maintain a religious sentiment that shall be in harmony with the best thought of our Christian civilization. The Bible is a recognized text-book in the college and the constant aim is to surround the students with an atmosphere which is genuinely Christian without being sectarian.

Rules Governing Fraternities and Sororities—

- I. No student of any classification shall be invited or pledged to any fraternity or sorority earlier than the fourth Friday following Registration Day. Special students shall not be invited or pledged at any time.
- II. Students shall not be initiated into any fraternity or sorority until they have presented fifteen high school units for entrance, have fifteen semester hours of resident collegiate work credited on the registrar's books, and have earned at least fifteen quality points.
- III. No student shall room in a sorority, fraternity or club house until he or she has been in residence at the college one full year and earned at least thirty semester hours of college credit, unless by special permission of the faculty.
- IV. The pledges of all fraternities, sororities and clubs must be selected from a list of eligibles obtainable at the college registrar's office on the fourth Thursday following Registration Day. The name of no student will appear on this list whose credentials are not in the hands of the registrar at least four days before said lists are due.

- V. No student shall be invited or pledged later in the college year until the registrar has declared the same to be eligible.

Reports of Student Standing—At the end of each semester (or oftener, if requested), a report is sent to the parent or guardian of each student, stating grades and absences from recitations and examinations, together with such other information respecting the student's progress and conduct as may be deemed proper to communicate, or as the parent or guardian may especially request.

Changes in Regulations Covering Courses of Study, Degrees, Discipline, Etc.—The college reserves the right to amend the regulations covering the granting of degrees, the courses of study, and the conduct of students. Membership in Bethany College and the receiving of a degree are privileges, not rights.

THE TEACHING OF AGRICULTURE

Extract from an article by Alexander Campbell on the "New Institution", a prospectus of Bethany College. From the *Millennial Harbinger* of 1840 — p. 132.

"Agriculture, both theory and practice, is but beginning to command the respect and attention due to this most useful, honorable and princely of all human callings and pursuits. This, next to religion and morality, and the art of reading and writing, ought to be taught in all its branches, from the infant school and upwards, to the last lecture in the course."

The liberality and wise foresight of Mr. E. W. Oglebay has enabled Bethany College to carry out the earnest wish of its prophetic founder as expressed in the above quotation.

No attempt is made to duplicate the work of the agricultural colleges and experiment stations, but the aim is to give to the limited number of students admitted to the agricultural department of Bethany a practical train-

ing in agriculture such as makes rural life satisfying and profitable.

The college is well equipped to offer work along agricultural lines. The college farms, comprising over 500 acres of land, are well equipped for demonstration and practical farm work. The useful farm crops are grown and demonstration experiments are being carried out to show the most profitable crop rotations and the best methods of maintaining soil fertility.

An excellent herd of registered Guernsey cattle and also pure bred animals of other types are kept, making it possible to offer students practical courses in Stock Judging, Dairying and Animal Husbandry.

There are some ideal locations for orchards on the college farms. Fifteen acres have already been planted by the agricultural department in co-operation with the State Experiment Station. This orchard contains three hundred selected varieties and should be of great educational value.

Practically all the work in organizing, equipping and operating the college farms in all of their departments is done by the instructors and students of the department of agriculture. Planning and carrying out this work and studying and discussing the results accomplished will best prepare the students to do similar work on their own farms and elsewhere.

A certain amount of work on the farm is required of all students pursuing agricultural studies. This is considered laboratory work and for it there is no remuneration. For work not considered laboratory work there is compensation and an effort is made to employ all students who are in earnest and willing to perform efficient service. Preference will be given to students majoring in agriculture. Trustworthy and efficient agricultural students may hope to have employment provided for them on the farm during the summer months.

OPPORTUNITIES FOR TRAINING IN HOME ECONOMICS

Bethany College is meeting the demand for Home Economics training by providing the young ladies with a sewing laboratory, a cooking laboratory, a small dining room for practice in the correct serving of meals and a recitation room, in Oglebay Hall.

The courses in Home Economics are designed to train young women in the proper care and management of the home and to prepare them for their full responsibility as intelligent, efficient and helpful factors in social and industrial progress.

The work is outlined to meet the needs of two types of students. (1) Those who major in other subjects and desires a knowledge of the fundamental principles underlying selection and preparation of foods and the cutting and making of garments. (2) Those who wish to use Home Economics as a major in a four year college course.

PROFESSIONAL TRAINING FOR TEACHERS

The primary aim of the Department of Education is to send forth graduates with professional enthusiasm, knowledge of the basic principles of educational theory and practice, and with special preparation to teach certain chosen subjects embraced in the secondary school curriculum.

Candidates for high school teaching certificates are privileged to observe and do directed teaching in the local high school. One-third of the work in observation must be done in other high schools. The excellent high schools of Wellsburg, Warwood, Wheeling and Steubenville are easily accessible by trolley.

State Recognition—The Departments of Public Instruction in Ohio, New York, Pennsylvania, Michigan, Illinois, West Virginia and some other states have placed Bethany College on the approved list for the training of teachers. This means that graduates of Bethany College may teach in the public schools of these states without taking the usual

teachers' examinations, if they pursue proper subjects in education.

Requirements for a High School Teacher's Certificate—

As a part of the hours required for graduation, students desiring a High School certificate must complete the following work along educational lines:

To be taken during Sophomore and Junior years:

Psychology and Applied Psychology.....	6	hours
History and Principles of Education.....	6	"

To be taken during Junior and Senior year:

Principles of Teaching.....	4	"
Educational Measurements.....	2	"
School Administration and Management.....	2	"
High School Methods.....	2	"

To be taken during Senior year:

Observations and Directed Teaching.....	3	"
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OPPORTUNITIES AT BETHANY COLLEGE FOR THE STUDY OF MUSIC

A liberal, all-embracing education having been the aim of Bethany College from its very inception, music has for years been given its proper place in its curriculum. Teachers of wide experience, with European training, progressive, up-to-date, have presided over this department and its work has always been recognized as possessed of a breadth and thoroughness generally found only in the large art centers. Not a mere musical smattering, but a well grounded knowledge and mastery of the art, theoretical and practical, is the aim constantly kept in view. Whether music is pursued as a mere accomplishment or with a view to future teaching, only the best is considered worth striving for.

Recognizing the cultural and educative value of a complete course in the art of Music, Bethany College makes the

study of Musical Theory one of the elective courses of the college, and allows the same to be used for credit toward the baccalaureate degree. A maximum of twelve semester hours will be allowed.

Students of the Music Department are required to pursue at least one study in some other department of the college.

A Glee Club, College Band and Choral Performances offer the student body a varied field of musical activity. A modern, well appointed pipe organ is available for practice purposes. For terms or organ rental, piano rental and tuition fees consult the general table of expenses.

Requirements for Graduation in Music—No degree is given in Music, but a Diploma of Graduation is conferred upon the completion of the Collegiate Course in Piano, the course in Organ and the course in Voice, together with a prescribed course in Theory as follows:

Piano Courses 11-12, 31-32, 51-52, 53-54, 33-34, 55-56.

Organ Courses 11-12, 31-32, 51-52, 53-54.

Voice Courses 11-12, 31-32, 51-52.

A teachers Certificate is conferred upon the completion of the third year of the Collegiate Piano Course and the courses in Theory required for graduation in Piano.

All candidates for diplomas or Teachers' Certificates must satisfy the college entrance requirements.

EXPENSES

Tuition—Each student in the college is required to pay a tuition fee of \$60.00 a semester. This entitles the student to registration for fifteen hours of academic work. No reduction is made to students who are allowed to enroll for less than fifteen hours. Registration for work in excess

of fifteen hours will be charged for at the rate of four dollars an hour. Scholarships will not be accepted in payment for the extra hours.

Room Rent in Phillips Hall—Rooms for young ladies in Phillips Hall rent for \$1.50 to \$2.00 a week for each student. This rate is on the supposition that each room has two occupants. For those choosing to room alone the room rent will be double this price. Each student is expected to furnish comforts, blankets, sheets, pillow cases, towels, napkins and napkin rings.

Young ladies intending to enter the college and desiring rooms in this hall should make application for same early in the summer. There are rooms for only sixty young ladies and all are usually rented before college opens in September.

Room Rent in Cochran Hall—Rooms in this hall for young men rent for \$70.00 for each student per year where two occupy a suite. There are some single rooms for those who desire to room alone. These rooms rent for \$60.00 per year.

Young men rooming in this hall are expected to furnish their own sheets, pillow cases, pillows, bed-spreads, blankets and towels, and to care for their rooms. Those desiring to live in this dormitory should engage their rooms in advance. Information concerning the engaging of rooms in advance may be found elsewhere in this catalogue.

Board in Phillips Hall—Board in this hall is for ladies only and the charge for meals is \$5.50 per week. All young lady students are expected to board here.

Board in Cochran Hall—Board in this hall is for young men and costs \$5.50 per week.

Board in Clubs—A number of clubs are conducted in the village by young men and in these board ranges from \$5.00 to \$6.50 a week.

SUMMARY OF FEES AND EXPENSES

Tuition per year (not exceeding 15 academic hours each semester).....	\$120.00
Room Rent per year.....	\$ 60.00 to \$ 75.00
Board per year of 38 weeks.....	\$185.00 to \$240.00
Cost per year for tuition, board and room..	\$365.00 to \$435.00
Books and washing and the special fees for laboratory courses, athletics, publications, etc., mentioned elsewhere in the catalogue are not included in the above estimate of expenses.	

FEES FOR MUSIC INSTRUCTION

Piano (Collegiate Course) and Organ, two lessons a week per semester.....	\$50.00
Piano (Collegiate Course) and Organ, one lesson a week per semester.....	27.00
Piano (Elementary Course) two lessons a week per semester.....	40.00
Piano (Elementary Course) one lesson a week, per semester.....	22.00
Voice, two lessons a week, per semester.....	50.00
Voice, one lesson a week, per semester.....	27.00
Theoretical Studies, in class, two recitations a week, per semester.....	15.00
Organ Practice, one hour each day, per semester.....	20.00
Piano Practice, one hour each day, per semester.....	5.00

FEES FOR ART INSTRUCTION

Art 31-32, 33-34.....	Per semester, \$ 5.00
Art 43-44, 51-53.....	" " 10.00
Art 53-54, 55-56.....	" " 15.00
Art 61-62.....	" " 25.00

SPECIAL FEES

Physics 11, 31, 32, 53, 54.....	\$ 4.00	per semester
Agriculture 11, 12, 31, 32, 33, or 34.....	4.00	“ “
Biology 11, 12, 31, 32, 35, 36, or 37.....	4.00	“ “
Geology 31 or 32.....	2.00	“ “
Chemistry 11, 12, 13, 14, 33, or 34.....	6.00	“ “
Chemistry 53 or 54.....	10.00	“ “
Chemistry 31, 32, 51, or 52.....	7.00	“ “
Home Economics (Cooking).....	4.00	“ “
Home Economics (Sewing).....	1.00	“ “
Surveying.....	3.00	“ “
Biology 39, 40.....	2.00	per credit hr.
Diploma in any course.....	10.00	
Special Examination.....	1.00	to 2.00
Entrance Examination (except first week).....	2.00	
Change of Registration after Registra- tion Day.....	1.00	
Late Registration (per day).....	2.00	
Music student for literary study, per hour.....	4.00	
Student Fee.....	10.00	per semester

DEPOSITS FOR BREAKAGE

Besides the fees named above each student enrolled for work in Chemistry must make a deposit each semester of \$3.00 for Course 11, 12, 13, 14 or 31; \$5.00 for Course 31, 32, 33, 34, 51 or 52; and \$10.00 for Course 53, or 54. This deposit, less any charges that may be made for breakage, is returned to the student at the end of the semester.

Each student rooming in a college dormitory must deposit \$10.00 a year with the Bursar of the college to pay for any damage that may be done to the room or room furnishings. This deposit, less any charge that may be made for breakage, is returned to the student at the end of the year.

TIME OF PAYMENT OF ACCOUNTS

Tuition, room rent, student fee, and special fees for laboratory courses are to be paid in advance. Board bills are to be settled at the end of each two weeks. Every student using a scholarship must present it or a copy of it to the Bursar at the time of registration.

When tuition, room rent and fees are not paid before the end of the two weeks following Registration Day, ten per cent. is added to the charge for these items.

All accounts with the college must be paid in full before students are admitted to the final examinations held at the close of each semester.

No portion of a student's fee is returned on account of withdrawal from college unless the withdrawal be rendered necessary by ill health. No allowance is made on this account for less than four weeks.

THE COLLEGE

ADMISSION

Applicants for admission to Bethany College must furnish evidence of good moral character and be not less than sixteen years of age. Those coming from other colleges must present evidence of honorable dismissal from the school last attended.

Admission by Certificate—Students from accredited High Schools are admitted to the college upon presentation of evidence that they have completed a four year course of study consisting of not less than fifteen units.

Definition of a Unit—In evaluating the work offered by applicants for admission, the following definition of a unit made by the National Conference Committee on standards of colleges and secondary schools is used:

“A unit represents a year’s study in any subject in a secondary school constituting approximately a quarter of a full year’s work.”

This definition of a unit takes the four-year high school course as a basis and assumes that the length of the school year is from thirty-six to forty weeks, that a period is from forty to sixty minutes in length and that the study is pursued for four or five periods a week; but under ordinary circumstances, a satisfactory year’s work cannot be accomplished in less than 120 sixty-minute hours or their equivalent. Schools organized on a different basis can, nevertheless, estimate their work in terms of this unit. Two hours of laboratory work are assumed to be equivalent to one hour of classroom work.

Prescribed Units—Of the fifteen units required the following are prescribed:

English.....	3	units
Mathematics.....	2	"
Foreign Language.....	3	"
(Two in same language)		
History.....	1	"
*Science.....	1	"

*General Science will not be allowed to satisfy the science requirement.

A student offering 15 units for entrance, but lacking one or more of the prescribed ones, may be enrolled as a Freshman but said student will be required to elect in the college, for each unit lacking four hours of work in the same department, in addition to the number of prescribed college hours.

Distribution of Units—The following subjects are regularly accepted for admission. The maximum number of units allowed in each is also indicated. With the approval of the Credentials Committee of the faculty subjects not listed but included in the curriculum of a recognized High School may be accepted for credit.

English	4	units	Civil Government...	½	unit
Algebra	1½	"	El. Economics.....	½	"
Plane Geometry ...	1	"	Chemistry	1	"
Solid Geometry ...	½	"	Biology	1	"
Trigonometry	½	"	Physics	1	"
Latin	4	"	Botany	1	"
Greek	3	"	Zoology	1	"
French	3	"	Geology	1	"
Spanish	3	"	Physiology	½	"
Ancient Hist.	1	"	Physical Geography.	½	"
Med. & Mod. Hist.	1	"	Hyg. and Sanitation	½	"
English Hist.	1	"	Gen. Science	1	"
American Hist.. ...	1	"	Drawing	1	"
German	3	"			

Not to exceed 4 units from the following Vocational Subjects:

Agriculture	2	units
Home Economics	2	"
Stenography and Typewriting	1	"
Commercial Arithmetic	$\frac{1}{2}$	"
Commercial Law	$\frac{1}{2}$	"
Commercial Geography.....	$\frac{1}{2}$	"
Bookkeeping	1	"
Manual Training	2	"

Admission by Examination—Students who for a good reason have not been permitted to complete a high school course of study, but furnish evidence of an equivalent training may be admitted to Freshman standing upon examination at the college.

Admission to Advanced Standing—Students from other standard colleges may be admitted upon presentation of evidence that they have satisfied the entrance requirements of this college and were in good and regular standing in the institution last attended. All applications for advanced standing must be accompanied by certificates stating the nature and extent of college courses completed and signed by the President or other official of the college where the work was done.

In no case will a student be granted a degree who has not been in attendance at this college at least during the senior year.

Admission of Special Students..Mature men and women, not under 21 years of age, who are not able to present 15 entrance units, are admitted to this college as special students in accordance with the regulations of the Association of Colleges and Secondary Schools of the Southern States. Such students are not regularly classified, are not given college credit for work done and are not accepted as candidates for degrees. If at any time they satisfy their entrance deficiencies, they may be admitted to

Freshman standing. In no case will college credit be given for college courses taken before entrance requirements are completed.

Method of Enrollment—Students who plan to enter the college must furnish the Registrar with certificates indicating the nature and extent of their preparation. These certificates must be signed by the Principal or Superintendent of the high school attended and should be mailed to the chairman of the Credentials Committee, if possible, before September first. Blank certificates for this purpose will be furnished by the college, if desired,

On registration day students are apprized of their standing and, if permitted to enroll, fill out, with the aid of advisers, enrollment cards. These cards are presented to the college Bursar with whom a settlement must be made of semester bills.

Before filling out enrollment cards students above Freshman rank must consult with the Dean of the college regarding their major and minor work.

The names of students enrolled in various courses are furnished to the instructors by the Registrar.

GRADUATION AND DEGREES

Degrees—Courses are offered in Bethany College leading to the degrees Bachelor of Arts and Bachelor of Science.

Requirement of Hours for Graduation—Candidates for a baccalaureate degree are required to complete 124 semester hours of college work of which not to exceed four hours may be offered in Physical Education. Of the 124 hours required, the following are prescribed:

For the A.B. degree:

English	12 hours
Science and Mathematics	16 “

(Chemistry, Biology, Mathematics, Physics).	hours
Foreign Language (Greek, Latin, French, Spanish, German).....	14 “
Note: In case a student offers two units in a foreign language for entrance, 12 hours of the same language in college will satisfy this requirement.	
History or Social Science (History, Economics, Sociology, Political Science)	12 “
Philosophy, Psychology, Education, Religious Education.....	12 “
Bible	6 “
Physical Education	4 “
For the B.S. degree:	
English	12 “
Foreign Language (Greek, Latin, French, German, Spanish)	14 “
Note: Same as for A.B. degree.	
*Science and Mathematics (Chemistry, Biology, Physics, Mathematics).....	40 “
History or Social Science (History, Economics, Sociology, Political Science	6 “
Philosophy, Psychology and Education	6 “
Bible	6 “
Physical Education	4 “

*Note: In case of students majoring in Agriculture or hours of college work of which not to exceed four hours may counted as a part of the forty hours required in Science.

Requirement of Quality Points for Graduation—In addition to the number of hours required, candidates for a degree must earn at least 120 quality points which are awarded as follows:

For a grade of A, three quality points for each hour of academic credit.

For a grade of B, two quality points for each hour of academic credit.

For a grade of C, one quality point for each hour of academic credit.

For a grade of D, no quality points.

A grade of F standing on the records at the time the student asks for a degree or applies for a transfer of credit will lessen the number of the applicant's quality points one for each hour represented by the course in which the failure is recorded.

Majors and Minors Required—Students are required to choose a major and two minor subjects not later than the beginning of the Sophomore year. Twenty-four semester hours are required for a major and twelve semester hours for each minor. Subjects are grouped as follows to aid in the proper selection of majors and minors.

Group I English.

Group II Foreign Language (Greek, Latin, French, Spanish, German).

Group III History, Economics, Sociology, Political Science.

Group IV Chemistry, Physics, Biology, Geology, Mathematics, Agriculture, Home Economics.

Group V Philosophy, Psychology, Education, Religious Education.

Group VI Biblical Literature and Hebrew.

Group VII Physical Education.

Group VIII Music, Art, Public Speaking.

Students selecting a major from Group I must select minors from II, III, V.

Students selecting a major from Group II must select minors from I, II, III, V.

Students selecting a major from Group III must select minors from I, II, III, V.

Students selecting a major from Group IV must select minors from I, II, IV, V.

Students selecting a major from Group VI must select minors from I, II, III, V, VI.

In choosing a major any one of the following subjects may be selected:

English	Chemistry	Philosophy
Greek	Mathematics	Hist. & Pol. Science
Latin	Agriculture	New Testament
French	Home Economics	Old Testament
German	Biology	Physics
Spanish	Education	Religious Education

To the foregoing subjects may be added Economics, Sociology and Church History to form a list from which minors may be selected.

In case English is selected as a minor six hours more than the amount required for a baccalaureate degree are necessary to satisfy the minor requirement.

Requirement of Quality Points for Majors and Minors—

Besides the 24 credit hours required in the major subject a student must have 36 quality points. Twelve quality points are required in each of the minor subjects, except English, which requires 18 points.

COURSES OF INSTRUCTION

In numbering of courses first semester courses have odd numbers and second semester courses even numbers. A course having both an odd and even number, as 11-12, runs continuously throughout the year. In registering for the course, the odd number is used the first semester and the even the second. Courses numbered from 11 to 30 are for Freshmen, from 31 to 50 for Sophomores and from 51 upward for Juniors and Seniors.

Courses marked with an asterisk count for one hour less than the usual credit when elected by students in their senior year.

The number in parenthesis after the name of the course indicates the credit given for it each semester. The hours and name of the instructor follow the description of the course.

AGRICULTURE

***11. Animal Husbandry.** (4 Hrs.). Types and classes of farm animals; leading breeds of horses, cattle, sheep and swine; practice in score-card and preparation judging. Animals owned by the college will be studied, and occasional trips made to nearby farms.

T., W., Th., 11:30.

Laboratory Sat. 8-10.

Mr. —

***12. Dairying.** (4 Hrs.). A general survey of the dairy industry with a definite study of the secretion, composition, separation and handling of milk; methods of creaming; manufacturing butter, cheese, etc.; selecting the dairy cow; feeding the dairy cow.

T., W., Th., 11:30.

Laboratory Sat. 8-10.

Mr. —

31. Soils. (4 Hrs.). A course covering the origin, formation and classification of soils; their physical, chemical, and biological properties is related to soil fertility and crop production; soil management and drainage. Prerequisite, Chemistry 11 and 12, Biology 11 and 12.

T., W., Th., 9:00

Laboratory M., 10-12.

Mr. —

32. Field Crops. (4 Hrs.). A study of cereals, hay, forage, fibre and root crops. Lectures and recitations on the history, production, improvement, cultivation, harvesting and marketing of these crops; practice in judging and testing corn and small grain, and with growing and dried crops and their products in the field and laboratory. Prerequisite, Agruculture 31.

T., W., Th., 9:00

Laboratory M., 10-12.

Mr. —

33. Animal Feeding. (3 Hrs.). Composition of plants and animals; digestion and assimilation; feeding standard and balanced rations. Methods of feeding different classes of animals. Prerequisites, Agriculture 11.

Th., F., 8:00

Laboratory T., 1:30-3:30.

Mr. —

34. Sheep and Swine Husbandry. (3 Hrs.). A study of different breeds, types and market classes and of various systems of management. Prerequisites, Agriculture 33.

Th., F., 8:00

Laboratory T., 1:30-3:30.

Mr. —

51. Farm Management. (3 Hrs.). Recitations and laboratory work upon the problems of farm management and their effects upon maintaining the fertility of the soil; systems of farming, their distribution and adaptation; farm accounts, problems of labor, machinery, storing, marketing, laying out farms, rotation systems. Inventories and farm surveys will be made and methods of farm accounts discussed. Prerequisites, Agriculture 31 and 32.

Not offered 1923-24.

Mr. —

52. Agricultural Economics. (3 Hrs.). Recitations up on the production, distribution, transportation and marketing of agricultural products. The relation of the industry of agriculture to other industries co-operation in agriculture, agricultural organizations and the social condition of agricultural communities are considered.

Not offered 1923-24.

Mr. —

ART

25-26. Theory and Practice of High School Drawing. (2 Hrs.). Special problems in Art. Still life, design, basketry, construction work, toys and enameling.

T., Th., 2:30-4:30.

Mrs. Garrett

31-32. Charcoal. (2 Hrs.). Drawing and sketching in charcoal and pencil from still life, nature and casts. Prerequisite for all color work.

W., 8:00-10:00; F., 10:30-12:30.

Mrs. Garrett.

33-34. Water Color. (2 Hrs.). Groups of familiar objects in monochrome and natural color.

W., 8:00-10:00; F., 10:30-12:30.

Mrs. Garrett.

35-36. Advanced Charcoal. (2 Hrs.). Heads and figures from casts in full light and shade. Charcoal modeling. Marines and landscapes.

W., 8:00-10:00., F., 10:30-12:30.

Mrs. Garrett.

43-44. Applied Design. 1 Hr.). Design and color in theory and practice. Analyzed and applied to stencil, batik, tied and dyed and wood block.

Hours to be arranged.

Mrs. Garrett.

51-52. Commercial Advertising. (1 Hr.). Posters, lettering, book covers, perspective. Black and white and color.

Hours to be arranged.

Mrs. Garrett.

61-62. China Painting. (2 Hrs.). The instruction in Ceramic Art covers, processes and materials, free hand

drawing, and practical application of design to ceramics. Conventional designs are used and worked out in harmonious colors of enamel. No previous knowledge of Art required for this work.

T., Th., 2:30-4:30.

Mrs. Garrett.

BIBLE (General)

21. General Bible. (3 Hrs.). An outline course in Old Testament History. For non-ministerial students. Not counted toward Old Testament major.

T., Th., S., 11:30.

Mr. Green

22. General Bible. (3 Hrs.). An outline study of the Gospels, Acts and Epistles. For non ministerial students. Not counted toward New Testament major.

T., Th., S., 11:30.

Mr. Green

BIOLOGY

11-12. General Biology. (4 Hrs.). A systematic study of the fundamental structures and life processes of plants and animals including man, and the important inter-relationships together with special lectures and discussions of the important principles of Biology—Environment, Heredity, Variation and the Theory of Evolution. Required of all premedical students.

T., Th., 1:30 and 2:30.

Laboratory W., F., 1:30-3.30 and M., 8:00-12:00.

Mr. Weimer and Assistant.

27. Personal Hygiene and Sanitation. (2 Hrs.). A study of the fundamental laws of personal health and the principles underlying proper health conditions.

W., F., 8:00.

Mr. Weimer.

31-32. General Botany. (4 Hrs.). A general survey of the plant kingdom. Type forms will be studied with at-

tention to morphology, physiology, ecology, phylogeny and economic importance. Prerequisites, Biology 11-12.

T., Th., 10:30.

Laboratory W., F., 10:30-12:30.

Mr. —

34. The Local Flora.---(2 Hrs.). The identification of the common seed plants and ferns by the use of manuals and the study of the distinguishing characteristics of the great groups. In the Spring the work will consist mostly of field trips with occasional laboratory exercises.

M., 1:00-5:00.

Mr. Weimer.

35. Vertebrate Zoology. (4 Hrs.). A study of the comparative anatomy of the representative forms of vertebrates. Laboratory study of the comparative anatomy of *Amphioxus*, shark, frog, and cat. Prerequisites, Biology 11-12. Required of all premedical students.

W., F., 9:00.

Laboratory T., Th., 8:00-10:00.

Mr. Weimer.

36. Invertebrate Zoology. (3 Hrs.). A survey of the invertebrate animals including phylogeny, morphology and economic importance. A laboratory study of the representative forms of invertebrates will be made. Prerequisites, Biology 11-12. Students desiring an additional hour of credit may enroll for the same in Biology 39 or 40.

W., 9:00.

Laboratory T., Th., 8:00-10:00.

Mr. Weimer

33 Histology. (3 Hrs.). A study of the structure of the cell and its modifications into the various tissues. Special attention will be paid to the theory and practice of general histology technique. Two laboratory periods per week and one lecture. Prerequisites, Biology 35.

Hours to be arranged.

Mr. Weimer.

39-40. Comparative Anatomy. (1, 2 or 3 Hrs.) A laboratory study of the comparative anatomy of the various vertebrate and invertebrate forms not studied in Biology 35 and 36. Prerequisites either Biology 35 or Biology 36. Hours to be arranged.

Mr. Weimer.

CHEMISTRY

11-12. An Introduction to General Chemistry. (4 Hrs.)
An elementary course specially intended for students who have had no previous work in the subject. The first semester is devoted to a study of non-metals and the second to a study of the metals. A large part of the laboratory work of the second semester is elementary qualitative analysis.

Sec. I, T., Th., 8:00.

Laboratory W., F., 8:00-10:00.

Sec. II, T., Th., 2:30.

Laboratory W., F., 1:30-3:30. Mr. Yaney and Assistants.

13-14. General Chemistry and Qualitative Analysis. (4 Hrs.). A course intended for students who have done acceptable work in chemistry in a secondary school and offer a unit of it for college entrance. The laboratory work of the second semester consists of elementary qualitative analysis.

T., Th., 9:00.

Mr. Workman and Assistants.

Laboratory M., 8:00-12:00.

31-32. Advanced Inorganic Chemistry together with Analytical Chemistry. (4 Hrs.). A course intended specially for second year college students. Some of the more difficult topics of general chemistry are reviewed. Special attention is given to modern chemical theories and to the physico-chemical principles that are the basis of analytical processes. The laboratory work consists of Qualitative Analysis the first semester and Quantitative Analysis the second. Prerequisites, Chemistry 11-12 or 13-14. One lecture or quiz and six hours of laboratory work a week.

Th., 11:30.

Laboratory open M., 8:00-12:00 and

T., W., Th., F., 10:30-12:30.

Mr. Workman.

33-34. Chemistry of Foods and Nutrition. (4 Hrs.) A course specially intended for students majoring in Home Economics. A study is made of the composition and nutritive value of foods, their preservation and adulteration.

The laboratory work consists of the analysis of such foods as milk, bread, flour, cereals, butter and cheese. Qualitative tests are made for preservatives, adulterants and coloring substances. Prerequisites, Chemistry 11-12 or 13-14 and preferably 31-32. Offered alternate years. Not offered in 1923-24.

Mr. Workman.

51-52. Quantitative Analysis. (4 Hrs.). The analytical work in this course is made to conform as far as possible to the needs of students taking it. It is intended to be a continuation of the quantitative work offered in Chemistry 32, but students with one year of college chemistry may take course with the permission of the instructor. One lecture or quiz and six hours of laboratory work a week.

T., 11:30.

Laboratory open M., 8:00-12:00 and

T., W., Th., F., 10:30-12:30.

Mr. Workman.

53-54. Organic Chemistry. (4 Hrs.). A general course in the chemistry of aliphatic and aromatic compounds and their derivatives. Typical organic compounds are prepared in the laboratory. Prerequisites, Chemistry 11-12 or 13-14 and preferably 31-32.

W., F., 11:30.

Laboratory M. 8:00-12:00 and 1:00-3:00.

Mr. Yaney.

55-56. Industrial Chemistry. (2 Hrs.). Consists of lectures and quizzes on various industrial processes, reports on assigned topics and observation trips to industrial plants of the Ohio Valley. Prerequisites, Chemistry 11-12 or 13-14, 31-32 and preferably 53-54.

Offered alternate years. Not offered in 1923-24.

Mr. Workman.

59-60. Physical Chemistry. (2 Hrs.). This is the usual theoretical course in the elements of physical chemistry and deals with such topics as the gas laws, molecular weights, mass action, theory and nature of solution and the phase

rule. Prerequisites, 11-12 or 13-14, 51-52 and one year of college physics.

T., Th., 1:30.

Mr. Yaney.

CHURCH HISTORY

71. The Ancient Church. (3 Hrs.). The growth of the church from the second to the thirteenth century. Prerequisites, 33-34.

T., W., S., 9:00

Mr. Green.

72. The Reformation. (3 Hrs.). Careful attention will be given to the development of the forces culminating in the religious movements of the sixteenth century; Humanism, the Reformation itself. Prerequisites, History, 33-34.

T., W., S., 9:00.

Mr. Green.

ECONOMICS

53-54. Principles of Economics. (3 Hrs.). Outlines with some modern problems, especially money and banking, in the second semester. Prerequisite, Sophomore rank.

T., W., F., 11:30.

Mr. Woolery.

71. Railroad Transportation. (3 Hrs.). The economics of transportation, with particular attention to service, rates, and government regulation. Prerequisite, Economics 53-54.

W., Th., F., 2:30.

Mr. Woolery.

72. Business Finance. (3 Hrs.). Introduction to the problems of financing small business concerns, rather than corporation finance. Lectures and problems. Prerequisites, Economics 53-54.

W., Th., F., 2:30.

Mr. Woolery.

73. Labor Problems. (3 Hrs.). Not offered in 1923-24.

74. Socialism. (3 Hrs.). Not offered in 1923-24.

EDUCATION**41-42. History and Principles of Education. (3 Hrs.).**

The principles of education are discussed as they manifest themselves in relation to historical and national educational development.

T., Th., S., 8:00.

Mr. Hunter.

45. The Junior High School. (2 Hrs.).

Emphasis will be placed upon its inception and development, and upon the aims, functions, organization, subject matter, method and personnel peculiar to this new feature of administration.

W., F., 8:00.

Mr. Hunter.

46. The Standard and Senior High Schools. (2 Hrs.).

A course with the same general major topics as in the preceding course but as applying to the higher administrative units.

W., F., 8:00.

Mr. Hunter.

61. Principles of Teaching in Secondary Schools. (4

Hrs.). A discussion of the underlying principles of Method, lesson planning, preparation and presentation of lessons. Prerequisite, or taken with Psychology 31.

T., W., Th., S., 9:00.

Mr. Hunter.

62. Pedagogy of the High School Subjects. (2 Hrs.).

Special attention will be given to those subjects in which students have elected majors and minors. It is planned to have a number of the heads of departments meet with the class at stated times and present the pedagogy of their special subjects. Prerequisites, Ed. 61.

W., F., 9:00.

Mr. Hunter

66. School Administration and Management. (2 Hrs.).

Considered especially from the standpoint of the secondary school. The school board, centralization, budgets, sanitation, equipment and other general problems.

T., Th., 9:00.

Mr. Hunter.

67. Nationalism and Education. (3 Hrs.). A comparative study of modern systems of education as to aims, procedure and administration.

T., W., F., 1:30.

Mr. Hunter.

68. Educational Tests and Measurements. (3 Hrs.). A study of the principles underlying the formulating of scales, a study of the most widely used scales, and the actual using of scales, tabulating and interpreting results. Prerequisites, or taken with, Psychology 52.

T., W., F., 1:30.

Mr. Hunter.

81-82. Observation and Directed Teaching. (3 Hrs.). Open only to seniors. The teaching is done in the local High School. So far as possible, students will be allowed to observe and teach in the subjects in which they have elected majors and minors. Prerequisite, 15 hours in education.

Hours to be arranged.

Mr. Hunter.

ENGLISH

A. Composition

11-12. English Composition. (4 Hrs.). Frequent practice in writing, and a study of literature as models of structure and style.

T., W., Th., S., 10:30.

T., W., Th., S., 11:30

T., W., Th., F., 2:30

Miss Clayton

53. Advanced Composition. (3 Hrs.). Journalistic writing, with emphasis on the news story and editorial. Prerequisites, English 31-32. Not offered in 1923-24.

Miss Clayton.

54. Advanced Composition. (3 Hrs.). Continuation of 53 with special attention given to the short story. Prerequisite, 53. Not offered in 1923-24.

B. Literature.

31-32. English. (3 Hrs.). A technical study of the forms of poetry, the song, the ballad, the sonnet, the ode; various kinds of metre, blank verse and free verse. Specimen readings from the new and older forms of English and American verse. Prerequisite, Eng. 11-12.

T., Th., S., 9:00.

T., Th., S., 10:30.

Mrs. Bourne.

33-34. English. (1 Hr.). Greek and Roman mythology in English Literature. No knowledge of the ancient language is required. The purpose of this course is to furnish the knowledge of Classical Mythology necessary for the interpretation of the English poets.

Th., 11:30.

Mr. Gay.

55. American Literature. (3 Hrs.). A study of the poets of America with special reference to the New England group, to Sidney Lanier, Edgar A. Poe, and Whitman. Prerequisite, Eng. 31-32.

T., W., F., 11:30.

Mrs. Bourne.

56. American Literature. (3 Hrs.). American prose writers—essayists and novelists. Prerequisite, English 31-32.

T. W. F., 11:30.

Mrs. Bourne.

57. English Drama. (3 Hrs.). A study of the English drama from its origin in the liturgical play through the drama of the sixteenth century. Prerequisites Eng. 31-2.

Not offered 1923-4.

Mrs. Bourne.

58. Seventeenth Century Literature with special reference to Milton. (3 Hrs.). Not offered in 1923-24.

Mrs. Bourne.

73. English. (3 Hrs.). Prose writers of the nineteenth century, Macauley, Carlyle, Ruskin, Arnold and others. Prerequisites, Eng. 31-32.

T., W., F., 2:30.

Mrs. Bourne

74. English. (3 Hrs.). Poets of the nineteenth century with special reference to Tennyson and Browning. Some attention will be given to contemporary poets. Prerequisites, Eng. 31-32.

T., W., F., 2:30.

Mrs. Bourne.

75. English. (3 Hrs.). The literature of the early romantic movement. Thompson, Comper, Burns, Gray, Goldsmith and others. Prerequisites, Eng. 31-32.

Not offered 1923-24.

Mrs. Bourne.

76. English. (3 Hrs.). The romantic triumph in English literature. A study of the poetry of Coleridge, Wordsworth, Byron, Shelley, Keats. Prerequisite, Eng. 31-32.

Not offered 1923-24.

Mrs. Bourne.

FRENCH.

***11-12. Elementary Course.** (4 Hrs.). Grammar, Fraser and Squair, reading, conversation, dictation.

Section 1, T., W., Th., F., 8:00.

Section 11, T., W., Th., F., 1:30.

Miss Mahaffey.

31-32. Intermediate Course. (4 Hrs.). The purpose of this year's work is to acquire ability to read French easily, thus preparing for the study of French literature and for scientific study. The class reads about 1000 pages of modern French. Grammar study and composition are kept up, special stress being laid on the study of the verb and the pronoun.

Section I, T., W., Th., F., 11:30.

Section II, T., W., Th., F., 1:30.

Miss Mahaffey.

51-52.6Nineteenth Century French Literature. (3 Hrs.). Study in the novel and drama of the 19th century. Outside reading required. Composition and dictation.

T., Th., S., 10:30.

Miss Mahaffey.

61-62. Seventeenth Century French Literature. (3 Hrs). A study of Corneille, Racine and Moliere and some of their contemporaries.

T., Th., S., 10:30.

Miss Mahaffey.

63-64. Contemporary French Literature.

T., Th., S., 11:30.

NOTE: Special training for those expecting to teach French in High Schools will be given as demand is made for it.

GERMAN

***11-12. Elementary German.** (4 Hrs.). Grammar inflections, cognates, sentence, structure, elementary syntax and pronunciation, reading. Daily preparation aloud is obligatory.

T., W., Th., F., 10:30.

Mr. Hering

31-32. Intermediate German. (4 Hrs.). Review of forms, continued study of syntax, Grimm's law, composition, dictation and memorizing; reading of modern authors and one play of Schiller.

T., W., F., S., 9:00.

Mr. Hering.

51. Reading of Modern Prose Authors, Composition and Conversation. (3 Hrs.). Offered, if called for by a sufficient number of students.

T., Th., F., 2:30.

Mr. Hering.

52. General Introduction to Literature, Reading of Classic Authors; Composition. (3 Hrs.). Offered if called for by a sufficient number of students.

T., Th., F., 2:30.

Mr. Hering.

GEOLOGY.

31. General Geology. (3 Hrs.). A study of the structure of the earth and the various dynamic agencies tending to change its surface. Excursions will be taken from time

to time to illustrate the topic studied. Not offered in 1923-1924.

T., Th., F., 11:30.

Mr. Weimer.

32. Historical Geology. (3 Hrs.). The history of earth as revealed by its strata. Laboratory and field study of the common fossils and local formations. Prerequisites, Geology 31 and Biology 11-12. Not offered in 1923-1924.

T., Th., F., 11:30.

Mr. Weimer.

NOTE: The courses in Geology are elective and do not satisfy any of the sixteen hours of Science required for a degree.

GREEK

***11-12. Elementary Greek.** (4 Hrs.). A mastery of the essentials of Greek grammar, and the reading of a number of Greek stories. Prerequisite, one unit of preparatory Latin.

T., W., Th., F., 3:30.

Mr. Gay.

41-42. Iliad and Odyssey. (4 Hrs.). This course will include reports on assigned topics dealing with the history of Hellenic civilization and daily practice in sight-reading. Prerequisite, Greek 11-12.

T., W., Th., F., 3:30.

Mr. Gay.

51-52. Greek Dramatists. (4 Hrs.). Aschylus' Prometheus Bound, Sophocles' Antigone and Euripides' Ophigenia in Tauris. Lectures on the Greek drama and its influence on modern drama. Prerequisite, Greek 41-42. Not offered in 1923-24.

T., W., Th., S., 9:00.

53-54. Plato. (4 Hrs.). The class will read the Apology and Crito, and selections from all the other important dialogues. Lectures on Plato as a philosopher and literary artist. Prerequisites, Greek 41-42. This course alternates with 51-52.

T., W., Th., S., 3:00.

Mr. Gay.

81-82. Greek New Testament. (3 Hrs.). A course in the Greek New Testament, covering the Gospel of Luke, with selections from the other gospels, I and II Thesalonians, I and II Corinthians, Galatians and Romans. Prerequisite, Greek 51-52 or Greek 53-54.

T., W., F., 11:30.

Mr. Gay.

111-112. Greek Exegesis. (3 Hrs.). An advanced course in Greek exegesis covering most of the New Testament not treated in course 81-82. Prerequisite, Greek 81-82.

T., W., F., 2:30.

Mr. Gay.

HISTORY.

29. Ancient Times. (3 Hrs.). A survey of the history of the Orient, Greece, and Rome, with special emphasis on the contributions which these people made to later civilization. Open to Freshmen.

W., F., S., 9:00.

Mr. Garrett

30. Medieval Europe. (3 Hrs.). A survey of the founding of the barbarian kingdom upon the ruins of the Roman Empire, tracing their evolution through the feudal age to the beginnings of the present national states of Europe.

W., F., S., 9:00.

Mr. Garrett.

33.—The Foundations of Modern Europe. (3 Hrs.). After a brief survey of the contributions of the Middle Ages, the course deals with the foundations of Modern Europe in the sixteenth century; dynastic and colonial rivalry in the seventeenth and eighteenth centuries; the old regime, the French Revolution and Napoleon. Prerequisite, Sophomore rank. Required for history major.

Sec. I—T., W., F., 8:00.

Sec. II—T., W., F., 2:30.

Mr. Garrett.

34. Modern and Contemporary Europe. (3 Hrs.). Continuation of History 33, dealing with the work of the

Congress of Vienna; the industrial revolution; the development of Italian and German unity; the Third French Republic; the rise of Russia; world imperialism and modern social problems. Prerequisites, Sophomore rank. Required for history major.

Sec. I—T., W., F., 8:00.

Sec. II—T., W., F., 2:30.

Mr. Garrett.

51-52. American History. (3 Hrs.). Social and political history of the American people to 1875. Intended to connect with History 63. Prerequisite, Sophomore rank. Required for History major.

T., W., F., 1:30.

Mr. Woolery

55-56. History of England and Greater Britain. (3 Hrs.). A survey of the political, social and economic development of England from the earliest times to the growth of the British commonwealth of nations in the present century. Prerequisite, Sophomore rank. Not offered in 1923-24.

T., W., F., 1:30.

Mr. Garrett

57. The Near Eastern Question. (3 Hrs.). After a survey of the geographical, racial, and historical background of the Near East, the course traces the development of the problem from the struggle of Grecian Independence to the present time.

T., W., F., 1:30.

Mr. Garrett.

58. Contemporary European Civilization. (3 Hrs.). A study of the problems of industrialism, nationalism, imperialism, international political and economic rivalry since the Franco-Prussian War. The course seeks to develop the fundamental causes of the Great War and an understanding of contemporary world problems. Prerequisites, 57 or six hours of history.

T., W., F., 1:30.

Mr. Garrett.

63. Recent American History. (3 Hrs.). From 1875. Intended to give an appreciation of the recent domestic

problems and international relations of the United States.
Prerequisites, Sophomore rank.

T., Th., S., 9:00.

Mr. Woolery.

64. History of American Diplomacy. (3 Hrs.). The foundations, events, and principles of the foreign relations of our country, with especial effort to reach an intelligent understanding of American participation in the World War, 1914-1918; the origin, character and results of Protestantism and the Catholic Reformation. Prerequisites, 33-34.

T., Th., S., 9:00.

Mr. Woolery.

71. The Renaissance and Reformation. (3 Hrs.). Deals with the Renaissance in Italy; the spread of Humanism; and the Catholic Reformation. Prerequisites, 33-34.

T., Th., S., 10:30.

Mr. Garrett

72. The French Revolution. (3 Hrs.). A study of the broad, social, economic and religious aspects of the period, stressing particularly the conditions of the old regime; the permanent features of the Revolution; its effect on European nations; and the work of Napoleon. Prerequisites, 71 or its equivalent.

T., Th., S., 10:30.

Mr. Garrett.

73-74. The Expansion of Europe. (3 Hrs.). A survey of the relationships established between Europe and Asia, Africa, America and Oceania, from the latter Middle Ages to the present time. Special emphasis upon the reciprocal influences growing out of the contact of Europe with the rest of the world. Not offered in 1923-24.

T., Th., S., 10:30.

Mr. Garrett

101-102. The Teaching of History. (1 Hr.). The aims, methods, and materials of high school history teaching. Open to Juniors and Seniors who expect to teach the subject. A discussion course.

Hours to be arranged.

Mr. Garrett.

Mr. Woolery.

NOTE: The requirement for a major in History may be met by work in European and American History and in Political Science, provided it includes those courses designated as required. Courses in Economics do not apply toward the history major.

HOME ECONOMICS

11-12. Home Cookery and Table Service. (3 Hrs.). A study of foods, principles governing their preparation, purpose in cooking, chemical composition, changes induced by temperature and fermentation. Planning, cooking and serving of meals, emphasizing efficient expenditure of time and money.

T., Th., 10:30-12:30.

Miss Acker.

15-16. Machine Sewing and Pattern Drafting. (3 Hrs.). Efficient sewing methods applied on wash materials. Drafting patterns and alterations of commercial patterns. Designing and making of wool and silk garments, clothing, etc.

W., F., 10:30-12:30.

Miss Acker.

17. Home Sanitation. (3 Hrs.). This subject deals with healthfulness of location, drainage and surroundings of a dwelling; heating, necessity of proper amount of sunlight, ventilation, overcrowding, disposal of household waste, preventable diseases. Chemistry 11-12 prerequisite of parallel. Lecture and recitations, two hours per week.

T., Th., S., 9:00.

Miss Acker.

20. Home Furnishing. (3 Hrs.). Planning and furnishing a small house at stipulated cost. Study of color combinations, effect of color and practical application in the home. Economical furnishing. Prerequisite, 17.

T., Th., S., 9:00.

Miss Acker.

31-32. Problems in Food Preparation and Nutrition. (2 Hrs.). Prerequisite, Chemistry 11-12 or 13-14.

Time to be arranged.

Miss Acker.

33. **Dietetics.** (2 Hrs.). A consideration of metabolism of food. The relation of food to health; influence of age, sex, occupation on diet. Planning of dietaries for adults and children. Prerequisite 11-12.

W. F., 8:00.

Miss Acker.

52. **Textiles.** (2 Hrs.). A study of textile, fibres and fabrics of interest to the household; their character, cost, durability, adulteration. Prerequisite, 15-16.

W., F., 8:00.

Miss Acker.

53. **Home Care of the Sick and Care of Children.** (2 Hrs.). A series of lectures and recitations dealing with the fundamental principles in home nursing. Care of children through infancy and childhood will form an important part of course.

W., F., 1:30

Miss Acker.

54. **Food Production and Manufacture.** (2 Hrs.). This course deals with the source, production and use of food products. Prerequisites, H. E. 11-12 and Chemistry 11-12 or 13-14.

W., F., 1:30.

Miss Acker.

71. **Special Methods.** (2 Hrs.). The course includes methods in teaching cookery and methods in teaching Domestic Art. Practice teaching accompanies class room work. Required of all majoring in Home Economics. Prerequisites, H. E. 11-12, H. E. 15-16, Chemistry 11-12 or 13-14. Open only to students majoring in Home Economics.

T., Th., 2:30.

Miss Acker.

72. **Art Embroidery.** (2 Hrs.). This course includes practice in various kinds of embroidery articles used on clothing or household linens. Four hours laboratory work a week. Prerequisites, H. E. 15-16.

T., Th., 1:30-3:30.

Miss Acker.

HOMILETICS

51. The Theory of Preaching. (2 Hrs.). The problems connected with the preparation and delivery of sermons will be carefully studied.

W., F., 2:30.

Mr. Green.

52. Sermon Building. (2 Hrs.). Some of the great sermons will be studied. Outlines will be made and criticised. At least one sermon will be preached and criticised.

W., F., 2:30.

Mr. Green.

53-54. The Work of the Pastor. (2 Hrs.). A study of the relations of the Christian minister to the congregation which he serves.

Not offered in 1923-24.

Mr. Green

LATIN

***11-12. Elementary Latin.** (4 Hrs.). This course includes a mastery of the essentials of Latin grammar, including forms and syntax, the reading of large portions of Caesar or its equivalent and considerable practice in Latin composition.

T., W., Th., F., 9:00

Mr. Perry.

***13-14. Cicero's Orations.** (3 Hrs.). This course includes the reading of six or more orations of Cicero and continued drill in Latin composition. Prerequisite, Latin 11-12.

T., W., F., 11:30.

Mr. Perry.

***15-16. Vergil's Aeneid.** (3 Hrs.). The study of Vergil will be approached with a literary as well as a linguistic purpose. Ability to read the hexameter is expected of all who complete this course. Prerequisite, Latin 13-14.

T., W., F., 2:30.

Mr. Perry.

21. Cicero's De Amicitia and De Senectute. (3 Hrs.). Frequent reports will be required on topics relating to the

times in which Cicero lived. Alternates with 31. Prerequisite Latin 15-16.

Not offered in 1923-24.

Mr. Perry.

22. Tacitus. (3 Hrs.). Germania and Agricola will be read with reports. Alternates with 32. Prerequisite, Latin 21 or 31.

Not offered in 1923-24.

Mr. Perry.

31. Cicero's Letters. (3 Hrs.). A large number of letters will be read showing Cicero's tastes and relation to his personal and literary friends. Alternates with 21. Prerequisite, Latin 15-16.

T., Th., S., 8:00.

Mr. Perry.

32. Horace. (3 Hrs.). This course will include the reading of Odes and Epodes with selections from the Satires. Alternates with 22. Prerequisites, Latin 21 or 31.

T., Th., S., 8:00.

Mr. Perry.

33-34. Roman Private Life. (1 Hr.). Prerequisites, Latin 15-16.

W., 8:00.

Mr. Perry.

51. Livy. (3 Hrs.). Large portions of Books XXI and XXII will be read with particular attention to Livy's qualities as an historian. Prerequisite, Latin 21 or 31.

Time to be arranged.

Mr. Perry.

52. Plautus and Terence. (3 Hrs.). The Menaechmi of Plautus and Phormio of Terence will be read together with other plays, with frequent reports. Prerequisites, Latin 22 or 32.

Time to be arranged.

Mr. Perry.

53-54. Latin Composition. (1 Hr.). This course is designed for students who expect to teach Latin. Prerequisite, Latin 15-16.

Time to be arranged.

Mr. Perry.

LIBRARY SCIENCE

21-22. Library Science. (3 Hrs.). This course requires six hours' work in the library each week and consists of reference work, cataloging and classification of books, with lectures on book selection and library economy. The course will enable the student to organize and care for school and private libraries and will serve to prepare assistants for college library.

Hours to be arranged.

Miss Kemp.

MATHEMATICS

11-12. Freshman Mathematics. (4 Hrs.). A study of the elementary functions, algebraic and transcendental, the graphical and analytical solutions of problems, the theory of measurement, the slide rule and certain fundamental ideas of the calculus with applications.

Sec. I—T., Th., F., S., 9:00.

Sec. II—T., Th., F., S., 11:30.

Mr. Cramblet.

13. Mechanical Drawing. (4 Hrs.).

T., W., Th., F., 1:30.

Mr. Cramblet.

14. Surveying. (4 Hrs.). Problems with the compass, level, transit and planetable. Prerequisite, Math. 11-12 or Trigonometry.

T., Th., 1:30 and Saturday or Monday afternoon.

Mr. Cramblet.

31. Analytic Geometry. (2 Hrs.). Prerequisite, Math. 11-12.

W., F., 8:00.

Mr. Cramblet.

32. Theory of Equations. (2 Hrs.). Prerequisite, Math. 11-12.

W., F., 8:00.

Mr. Cramblet.

33-34. Calculus. (3 Hrs.). Prerequisite, Math. 11-12.

T., Th., S., 8:00.

Mr. Cramblet.

51-52. Mechanics. (3 Hrs.). Prerequisite, Math 33-34.
Hours to be arranged. Mr. Cramblet

53-54. Advanced Calculus. (3 Hrs.).
Hours to be arranged. Mr. Cramblet

NOTE. Students offering only two units of mathematics for entrance may be required to do additional work at the option of the instructor in charge.

Students electing to major in this department should offer at least one minor from Group 4.

MUSIC

Piano. The course of instruction consists of an Elementary Course and a Collegiate Course.

The Elementary Course covers the work from the first beginnings to the third grade inclusive, upon a basis of seven grades. It includes adequate performance of works of the difficulty of Czerny op. 299 Book I and the easier Mozart Sonatas. It should be completed by a pupil of average talent and with close application in three years.

Mrs. Moos.

The Collegiate Course is a continuation of the Elementary Course leading to the full mastery of the instrument as represented by the best classical and modern masters. With adequate preparation and fair natural endowment, it may be completed in four years.

Mr. Moos.

Organ. This course requires as prerequisites a Piano technique equivalent to the work completed in the first year of the Collegiate Course. Three years should give full command of the instrument for Church and Recital.

Mr. Moos.

Voice. The course in Voice, granted good natural voice endowment and adequate concentration on the pupil's

part, can be completed in four years. It proceeds from scientific voice placement to the study of art songs and a comprehensive church and concert repertary.

Mr. Moos.

MUSICAL THEORY

11-12. Beginning Harmony. (2 Hrs.). Intervals, Triads, Seventh Chords, Harmonizing, Melodies. Prerequisites, Elementary Piano Course; knowledge of major and minor keys.

Hours to be arranged.

Mr. Moos.

13-14. Musical Appreciation. (2 Hrs.). A course covering the structure, the historic and aesthetic significance of the main types of music, with particular stress upon worship music. Lectures and illustrations. A general course, requiring no technical preparation.

Hours to be arranged.

Mr. Moos.

31-32. Advanced Harmony. (2 Hrs.). Continuation of Course 11-12. Suspensions, Altered Chords, Modulation, Harmonizing Melodies continued and Harmonic Analysis.

Hours to be arranged.

Mr. Moos.

51. Musical History. (2 Hrs.) Historical Progress and Tendencies from ancient to modern times. Prerequisites, Elementary Piano Course and Course 11-12. May be taken during the Sophomore year.

Hours to be arranged.

Mr. Moos.

52. Musical Forms. (2 Hrs.). Structural principles of musical forms. Illustration and analysis of the typical forms. Prerequisites, First year of Collegiate Piano Course and Courses 11-12, 31-32 and 51.

Hours to be arranged.

Mr. Moos.

53-54. Counterpoint. (2 Hrs.). Single and double Counterpoint, writing of original inventions. Analysis of

polyphonic forms. Prerequisites, Second year of Collegiate Piano Course, Courses 11-12, 31-32, 51 and 52.

Hours to be arranged. Mr. Moos.

33-34. Piano Teachers Training Course. (2 Hrs.). Pre-keyboard training of children, elementary piano training, lectures and practice teaching. Prerequisites, First year Collegiate Piano Course.

Hours to be arranged. Mr. Moos.

55-56. Piano Teachers Training Course. (2 Hrs.). Continuation of Course 33-34. Teaching of adult beginners. Typical classroom problems. Teaching of ornamentation, phrasing interpretation, lectures and demonstrations. Prerequisites, Second Year Collegiate Piano Course.

Hours to be arranged. Mr. Moos.

NEW TESTAMENT

11. Life of Christ. (4 Hrs.). A thorough study is made of the life and teachings of Jesus, based upon a Harmony of the Gospels, that the student may become familiar with the religious message of the Gospels. Required for a New Testament major.

T., W., Th., F., 10:30. Mr. Green.

12. Acts and Epistles. (4 Hrs.). A historical study of Acts and the Epistles with attention to the religious and doctrinal teachings. Enough introductory material is introduced to furnish a setting for the various books. Prerequisites, New Testament 11 or sixty hours of college credit. Required for a New Testament major.

T., W., Th., F., 10:30. Mr. Green.

51. The Teaching of Jesus. (3 Hrs.). A careful study will be made of the teaching of Jesus and this will be related to the current thought and movements of his time. Prerequisites, New Testament 11. May be counted toward a New Testament major.

T., W., F., 8:00. Mr. Green.

52. The Teaching of Paul. (3 Hrs.). The fundamental doctrines of the Epistles will be studied. The student will be familiarized with the thought world which lies behind these writings. Prerequisite, New Testament 12. May be counted toward a New Testament major. T., W., F., 8:00. Mr. Green.

73. New Testament Introduction. (3 Hrs.). A study of the New Testament canon and text. Lectures and assigned readings. Prerequisites, New Testament 11 and 12. Open to Juniors only after consultation. May be used toward a New Testament major. Not offered in 1923-24. Mr. Green.

74. The Background of the New Testament. (3 Hrs.). The student will be introduced to the social, intellectual, economic and religious life of the world into which Christianity came. May be used toward a New Testament major. Not offered in 1923-24. Mr. Green.

OLD TESTAMENT

11-12. Old Testament History. (4 Hrs.). What the English Bible has to say concerning the history of the world in general and the people descended from Abraham until the establishment of the Hebrew Kingdom. Covers Pentateuch, Joshua, Judges, Ruth and Job. T., W., Th., S., 11:30. Mr. Calhoun.

31-32. Old Testament History. (4 Hrs.). The History from the establishment of the Kingdom under Saul to the end of the history as contained in the Protestant English Bible. The prophets of Israel are placed historically and the setting of each one's message is considered. Covers Samuel, Kings, Chronicles, Ezra, Nehemiah and Esther. Not offered in 1923-24. Mr. Calhoun.

51-52. Old Testament Literature. (2 Hrs.). This course is devoted to a study of the Legal and Poetical lit-

erature found in the Old Testament. Alternates with 53-54. Prerequisites, Courses 11-12, 31-32.

W., F., 8:00.

Mr. Calhoun.

53-54. Old Testament Concomitate. (2 Hrs.). This course covers those subjects which, while not in the Old Testament, should accompany it, furnishing a proper background for all other Old Testament courses. It includes Old Testament Geography, History, Contemporaneous to the Old Testament and Intermediate between the Old and New Testaments.

T., Th., 8:00.

Mr. Calhoun.

55-56. Old Testament Literature. (2 Hrs.). This course offers a study of the Prophetical and Apocryphal literature of the Old Testament. Prerequisites, Courses 11-12, 31-32.

W., F., 9:00.

Mr. Calhoun.

81-82. The Hebrew Language. (4 Hrs.). This course is intended to give the student such a knowledge of Hebrew as to enable him to prosecute its further study without the aid of a teacher should he so desire.

T., W., Th., F., 1:30-3:30.

Mr. Calhoun.

85-86. Old Testament Introduction. (2 Hrs.). This course is devoted to a study of the Text, Canon and Inspiration of the Old Testament and such other subjects as properly fall within its limits.

T., Th., 9:00.

Mr. Calhoun.

87-88. Hebrew Literature. (3 Hrs.). Covers as fully as possible the different types of literature in the Hebrew Bible. A knowledge of the laws for the analysis and combination of all current forms is stressed. Prerequisite, 81-82. Hebrew Language. Not offered in 1923-24.

T., Th., F., 1:30.

Mr. Calhoun.

PHILOSOPHY.

37. Introduction to Philosophy. (3 Hrs.). A general introductory survey of the nature of Philosophy and of the chief philosophical problems arising in the scientific, social, political, educational, moral, and religious fields.

Not offered 1923-24.

Mr. Leitch.

37. Logic. (3 Hrs.). A study of the nature of thinking with special reference to correct thinking; the principles and methods of scientific thinking; fallacious reasoning, etc.

Not offered 1923-24.

Mr. Leitch.

43-44. Ethics. (2 Hrs.). A study of the nature, origin, and development of moral ideas; a criticism of the more important ideals of conduct, with readings in the greater ethical thinkers—Plato, Aristotle, Stoicism, Buddhism, Christian Ethics, Kant, Royce, etc.; a discussion of the practical moral problems of individual and social life.

W., F., 1:30.

Mr. Leitch.

53-54. History of Philosophy. (3 Hrs.). A study of the growth of philosophic thought in the Greek, Roman, mediaeval, and modern periods, considered in its relation to the development of science and to social, political, and religious conditions. The solutions of the various problems of life offered by the world's great thinkers are made the basis of a discussion of our present day problems in the scientific, social, political, educational, moral and religious fields.

T., W., F., 10:30.

Mr. Leitch.

PSYCHOLOGY. •

31-32. General Psychology. (4 Hrs.). A general introductory course dealing with the methods and fields of Psychology the nature and development of mental life in its biological and physiological relations, with a special study of the more important phases such as sensation, perception,

attention, memory, etc. Simply psychological experiments illustrating the subject matter taught. The practical importance of Psychology in the affairs of every day life, in the field of law, medicine, education, religion, industry, business, etc.

T., W., Th., F., 11:30.

Mr. Leitch.

33-34. Individual and Social Psychology. (3 Hrs.).

An introductory course dealing with the fundamental causes of human behavior in its individual and social aspects. Native and acquired tendencies and capacities; the influence of heredity and environment; individual differences; normal and abnormal phases of personality; man's behavior in groups, etc.

T., Th., S., 9:00.

Mr. Leitch.

35. Experimental Psychology. (3 Hrs.).

A laboratory course in which the student carries on for himself a series of typical psychological experiments in sensation, perception, attention, memory, learning, etc. One hour lecture and four hours laboratory.

Offered 1924-25.

Mr. Leitch

36. Applied Psychology. (3 Hrs.).

The application of psychological principles to the practical problems of law, medicine, business, industry, personal efficiency, vocational guidance, etc.

Offered 1924-25.

Mr. Leitch.

51. Educational Psychology. (3 Hrs.).

A study of the nature and laws of learning; original nature as conditioning learning; amount, rate, limit, permanence, and conditions of improvement; transfer of training; mental fatigue; individual differences in learning, etc. A brief survey of the psychology of school subjects.

T., Th., S., 8:00.

Mr. Leitch.

52. Mental Measurements. (3 Hrs.).

A systematic study of the more important tests and scales for the meas-

urement of mental capacity, with special reference to the principles involved in their construction and use, their validity, and their practical value. Revisions of the Binet scale, Pintner Performance Scale, etc., various group intelligence scales, will be studied in detail and applied.

T., Th., S., 8:00.

Mr. Leitch

PHYSICS.

11. General Physics. (3 Hrs.). A brief course for those who have had no previous training in the subject. A general survey of the whole range of physics is made in one semester. This course may be taken for credit only by those who do not offer physics for entrance. Will not be accepted as part of work for major or minor.

T., Th., 10:30.

Laboratory W., 10:30-12:30.

Mr. —

31. Mechanics and Heat. (4 Hrs.). This course with course 32 cover the usual college course in general physics. A good deal of stress is laid on the systematic working of every-day physical problems. Prerequisites, Physics 11 or High School Physics. Mathematics 11-12 must precede or accompany this course.

T., Th., 2:30.

Laboratory W., F., 2:30-4:30.

Mr. —

32. Sound, Light and Electricity. (4 Hrs.). A companion course to Physics 31 which should precede it. Hours and prerequisites as in 31.

53. Electricity and Magnetism. (3 Hrs.) A course in the mathematical theory of electricity and magnetism. Prerequisites, Physics 31-32 and Math. 33-34.

Hours to be arranged.

Mr. —

54. Electrical Measurements. (3 Hrs.). A laboratory course in the measurement of potential, resistance, capacity, inductance and hysteresis. Prerequisites, Physics 31 and

32 and Math, 33-34. (The student is advised to precede this course by Physics 53 if possible).

Hours to be arranged.

Mr. —

55. Properties of Matter and Thermodynamics. (3 Hrs.). A course of lectures covering elasticity, kinetic theory of gases and thermodynamics. Prerequisites, Physics 31 and 32 and Math. 33-34.

T., W., F., 11:30.

Mr. —

56. Physical Optics. (3 Hrs.). Lectures and recitations covering some of the more important phases of physical optics. Prerequisites, Physics 31, 32 and Math. 33-34.

T., W., F., 11:30.

Mr. —

PHYSICAL EDUCATION.

A. For Women.

11-12. Physical Education. (1 Hr.). An elementary course in gymnasium work which includes simple practices in tactics, Swedish exercises, games, folk dancing, and corrective work. This course is required of all Freshmen unless excused by reason of physical inability.

W., F., 9:00-10:30-3:30.

Miss —

31-32. Physical Education. (1 Hr.). A continuation of the work of the first year with advanced work in exercises, games, and gymnastic dancing. Prerequisites, Physical Education 11-12.

W., F., 2:30-11:30.

Miss —

Swimming. College women have use of the pool on Monday, Wednesday and Friday.

Hours to be arranged.

Miss —

B. For Men.

13-14. Physical Education. (1 Hr.). This course is designed to exercise and develop the body. Setting-up ex-

ercises, mat-work, indoor baseball, swimming, and all sports in season. Men who work a full season on the football squad are excused with credit for the work of the second semester.

T., Th., 1:30-2:30-3:30.

Mr. —

33-34. Physical Education. (1 Hr.). A continuation of work of the first year. Prerequisites, 13-14.

T., Th., 1:30-2:30-3:30.

Mr. —

POLITICAL SCIENCE.

77. Comparative Government. (3 Hrs.). The government of states as they have been rearranged since 1918, with historical background. Open to Juniors and Seniors.

T., Th., S., 8:00.

Mr. Woolery.

78. International Law. (3 Hrs.). Open to Juniors and Seniors. Case system approach to the rules usually observed in international relations, including the settlements made since the World War so far as publicly recorded.

T., Th., S., 8:00.

Mr. Woolery.

PUBLIC SPEAKING.

31-32. Expression. (3 Hrs.). In this course individual drill is given in vocal expression. Attention is given to the fundamental principles underlying all good speech. Sufficient technique is given for a good working basis. Extensive drill and practice in delivery. Prerequisites, English 11-12.

T., Th., S., 8:00.

T., Th., S., 9:00.

Mr. Buchanan

37-38. Dramatics. (3 Hrs.). This course includes the study and staging of all types of modern plays, taking up the problems of directing, acting, scenery, building, and lighting. A practical course for those who intend to study

further along this line, as well as for those who will direct amateur productions. At least one public performance a semester will be given by this class.

T., W., F., 2:30.

Mr. Buchanan.

33. Extempore Oratory. (3 Hrs.). The preparation and delivery of speeches for all occasions. The content and structure of such speeches is studied and a thorough drill in practical public speaking is given.

T., W., F., 1:30.

Mr. Buchanan.

36. Debate and Seminar. (3 Hrs.). This course is for intercollegiate debaters only.

Hours to be arranged.

Mr. Buchanan.

39. Interpretation of Classic Literature. (3 Hrs.). Vocal interpretation of works of classic literature. The course is supplemented by extensive collateral reading.

T., Th., F., 10:30.

Mr. Buchanan.

40. Interpretation of Modern Drama. (3 Hrs.). Vocal interpretation of the modern plays, also supplemented by collateral reading.

T., Th., F., 10:30.

Mr. Buchanan.

RELIGIOUS EDUCATION.

(Herbert Moninger Foundation of Bible School Pedagogy)

35. History of Religious Education. (3 Hrs.). A historical study of the development of educational practice and theory in primitive society and within organized Christianity. Modern tendencies and movements. History of Sunday School from its genesis to the present time.

T., Th., F., 10:30.

Mr. Miller.

36. Organization and Administration. (3 Hrs.). Organization and work of the church school, church vacation school, week-day church school and community training

school. A unified system of religious education correlated with other educational agencies of the community. A practical organization for young people.

T., Th., F., 10:30.

Mr. Miller.

51. Theory of Religious Education. (3 Hrs.). Fundamental principles. Biological, psychological and sociological factors. Functions of the family, the church and the school.

T., Th., S., 8:00.

Mr. Miller.

52. Materials of Religious Education. (3 Hrs.). Principles underlying the selection and preparation of lesson material. Critical analysis of graded and other curricula. Building up a curriculum. Selection and preparation of Biblical material for actual use in church school.

T., Th., S., 8:00.

Mr. Miller.

53. Methods in Religious Education. (3 Hrs.). The course consists of (a) two hours devoted to methods and class management, class organization, expressional activities, teacher training, handwork, and (b) story-telling principles, sources, adaptation, practice in telling.

T., Th., S., 9:00.

Mr. Miller

54. Educational Evangelism and Worship. (3 Hrs.). A critical examination of both the traditional and educational method of evangelism. The application of scientific principles of education to the teaching of religion. The educational aspects of Worship from the genetic point of view, and the function of worship in a religious educational system.

T., Th., S., 9:00.

Mr. Miller

57. Psychological Principles of Childhood and Adolescence. (3 Hrs.). A study of the facts of mental development throughout childhood and adolescence with special reference to the problem of moral and religious education. Prerequisite, or taken with, Psychology 33-34. Not offered in 1923-24.

Mr. Miller.

58. Training for Leadership. (3 Hrs.). Psychological principles underlying group organization and leadership. Discussion groups, Boy Scouts, Girl Scouts, clubs, organized classes, adult leadership in rural and community life. Pre-requisite, or taken with, Psychology 33-34. Not offered in 1923-24. Mr. Miller.

NOTE: Students electing to major in this department should take Education 41-42.

SOCIOLOGY.

51-52. Principles of Sociology. (3 Hrs.). Introductory course to acquaint the student with the fundamental principles of society and social development. T., W., F., 11:30. Mr. Miller.

53. Educational Sociology. (3 Hrs.). Sociological principles underlying the educational task. Validity of educational traditions and customs. Discussion of problems of educational values and objectives. Of especial interest to teachers. T., Th., F., 2:30. Mr. Miller.

54. Rural Sociology. (3 Hrs.). Social, economic, religious and educational conditions in rural communities. Intensive study of rural school and rural church. Constructive and remedial forces receive emphasis. T., Th., F., 2:30. Mr. Miller.

55. Poverty. (3 Hrs.). A study of causes with an analysis of preventive forces and remedial agencies. Principles and methods of practical philanthropy. Not offered in 1923-24. Mr. Miller.

56. Crime. (3 Hrs.). Nature of crime, treatment of the criminal, evaluation of present remedial systems, critical analysis of best corrective agencies. Not offered in 1923-24. Mr. Miller.

SPANISH.

***11-12. Elementary Course.** (4 Hrs.). Pronunciation, grammar, composition, dictation and reading. Stress put upon inflections of words. Preparation aloud is obligatory. T., W., Th., F., 8:00. Mr. Hering.

31-32. Intermediate Spanish. (4 Hrs.). Syntax, composition, dictation, conversation and reading. The stress lies on syntax and vocabulary. Memory work. T., W., Th., F., 11:30. Mr. Hering.

51. Modern Dramatists. (3 Hrs.). Composition and syntax. T., Th., F., 1:30. Mr. Hering.

52. Classic Authors. (3 Hrs.). T., Th., F., 1:30. Mr. Hering.

61. Modern and Classic Dramatists. (3 Hrs.). T., Th., F., 1:30. Mr. Hering

62. Classic Authors. (3 Hrs.). T., Th., F., 1:30. Mr. Hering

Courses 61 and 62 will be conducted with courses 51 and 52, a higher grade of work and more work will be required than of students registering for 51 and 52.

REGISTER OF STUDENTS, 1922-23.

Post Graduate Students

Burig, W. Glenn	Bethany, W. Va.
Carpenter, Josephine C.	Bethany, W. Va.

Seniors

Adkins, Roy	Decatur, Ill.
Arnold, Helen Lois	Romney, W. Va.
Booth, Jay Northrup	Huntington, W. Va.
Bucher, Stephen E.	Lebanon, Pa.
Burns, Jean B.	Indianola, Ia.
Coller, Floyd A.	Bowling Green, Ohio
Cundiff, Wood Boswell	Columbia, Ky.
Darsie, Leigh L.	W. Homestead, Pa.
DeBolt, Ethel Clair	Fredericktown, Ohio
Donaldson, Frank	Beverly, Ohio
Egbert, Mrs. Jessie S.	Bethany, W. Va.
Elsam, Harold Gordon	Hatta, C. P., India
Francis, Carl	Cadiz, Ohio
Gepford, Sidney	Decatur, Ill.
Gedeohn, Olive	Buffalo, N. Y.
Gill, Russell F.	Decatur, Ill.
Helme, Frank G.	Buffalo, N. Y.
Herbster, William S.	Pittsburgh, Pa.
Hibler, Anna E.	Bethany, W. Va.
Hibler, Marian E.	Bethany, W. Va.
Holman, David Grant	Livingston, Tenn.
Jacobs, Samuel Woods	Wellsburg, W. Va.
Kendle, Ernest F.	Paden City, W. Va.
Kidder, George T.	Bethany, W. Va.
Lee, Grace Agnes	Barberton, Ohio
Leiter, Cyril Faun	Findlay, Ohio
McKinney, William H.	Canton, Ohio
Moser, Nellie A.	Wheeling, W. Va.
Mullen, Maud Matis	Maysville, Ky.
McCormick, Denton	Cameron, W. Va.
Randolph, Harry F.	Dickerson Run, Pa.
Reinhold, Ernest M.	Oakmont, Pa.
Runk, Frances Virginia	Philipsburg, Pa.
Russell, Edward DeKalb, Jr.	Pine Bluff, Ark.
Ryan, Mac	Bethany, W. Va.
Ryan, Margaret	Bethany, W. Va.
Schneider, Clara Henrietta	Coal Run, Ohio
Shafer, Paul	New Castle, Pa.
Simmons, Leo	Dover, N. C.

Steindorf, Margaret V.	Wheeling, W. Va.
Sutton, George	Pittsburgh, Pa.
Wachtel, Sue	Big Prairie, Ohio
Wells, Linley	Bethany, W. Va.
Williams, Albert Robinson	Sandusky, Ohio
Wilson, Albert Hasselton	Camp Chase, Ohio
Woods, Emily	R. D., Plymouth, Pa.
Yoho, Mae Margaret	Huntington, W. Va.

Juniors

Abbott, Merritt E.	Buffalo, N. Y.
Adams, John N.	Perryopolis, Pa.
Baker, Sara	Mannington, W. Va.
Bates, Thelma	Parkersburg, W. Va.
Boyadjis, Athanasius	Ezine of Asia Minor
Broadley, Karl Thomas	Forth Worth, Texas
Cannon, Sara Mary	Mt. Vernon, Ohio
Carpenter, Glenn	Lorain, Ohio
Clay, Golden	Beckley, W. Va.
Cook, Xantha Adelaide	Fredericktown, Ohio
Dornbush, Frank	Steubenville, Ohio
Evans, Lois E.	New Cumberland, W. Va.
Farabee, Florence Mae	Washington, Pa.
Fitzgerald, Emmett	Parkersburg, W. Va.
Gillespie, Vere E.	Bethany, W. Va.
Gillette, Rosemary	Bridgeport, Ohio
Goehring, Henry Goldsmith	West Newton, Pa.
Hart, Donovan	St. Clairsville, Ohio
Helfer, Walter	Wheeling, W. Va.
Higbee, Edna	Shadyside, Ohio
Heldreth, Agnes	Bethany, W. Va.
Hurl, Robert Davis	Follansbee, W. Va.
Hutchison, Martha E.	W. Huntington, W. Va.
Jaras, Estanis A.	Washington, Pa.
Kelley, Arlan S.	Parkersburg, W. Va.
Kendle, Ferdinand L.	Paden City, W. Va.
Knapp, L. W.	Bethany, W. Va.
Lankler, Ralph C.	Buffalo, N. Y.
Ligon, Mary Hardy	Hickman, Ky.
Love, Mary Estellene	Cadiz, Ohio
Love, Francis G.	Cadiz, Ohio
Loyd, Sheridan L.	Utica, Ohio
Marsh, Lawton	Bowling Green, Ohio
Massey, George	Carrollton, Ohio
Matthews, William J.	Wellsburg, W. Va.
Miller, Mary Jane	Bethany, W. Va.
Morris, Harriette	Shelby, Ohio

Mulkin, Clarence DeWitt	Bethany, W. Va.
Murray, Stephen E.	Philadelphia Pa.
McDermott, Irene Elizabeth	Pittsburgh, Pa.
McKinnis, Ruth	Stockton, Kans.
Negron, Bernado	Bayamon, Porto Rico
Reed, Kenneth	Elmore, Ohio
Reger, Carl	Littleton, W. Va.
Sheets, David Ervin	Pittsburgh, Ua.
Shipley, Sam Maynard	Bethany, W. Va.
Stevenson, L. B.	Bethany, W. Va.
Turnbull, William	Patterson, N. J.
Warren, Julia Catherine	St. Louis, Mo.
Wells, Edwin	Ashland, Ohio
Wilfley, Katherine	Washington, D. C.
Wilhelm, Allen Reid	Cameron, W. Va.
Wolford, Ray	Mt. Gilead, Ohio
Zook, Earl	Peoria, Ill.

Sophomores

Babcock, Leota Amanda	Lorain, Ohio
Bell, Robert Wade	West Alexander, Pa.
Bennett, O. E.	Bethany, W. Va.
Brown, Arthur A.	Dickerson Run, Pa.
Calhoun, Margaret	Bethany, W. Va.
Conard, Clarence Sheldon	Kendallville, Ind.
Crew, Jeannette	Dayton, Ohio
Darsie, George Jameson	Cynthiana, Ky.
Davis, Dorothea B.	N. Milwaukee, Wis.
Davis, Elsie Mary	Wheeling, W. Va.
Deemer, Edna Marple	New Castle, Del.
Elliott, George McKinney	New Castle, Ind.
Ellis, Fred Owens	Johnstown, Pa.
Evans, Gomer	Steubenville, Ohio
Foster, Arnot	Bethany, W. Va.
Gordon, Luta Marie	Bethany, W. Va.
Hall, Charles Alvin	Wellsburg, W. Va.
Heaslett, Minnie E.	Hollidays Cove, W. Va.
Helphrey, Daniel	Utica, Ohio
Hess, Harry	Bellbrook, Ohio
Hufford, Olive	Eighty Four, Pa.
Hunter, Margaret E.	Rochester, Pa.
Idleman, Harold Arthur	New York City
Jacob, Ila Louise	Wellsburg, W. Va.
Leving, Fanny Parker	Romney, W. Va.
Luce, Jane	Belle Vernon, Pa.
Marling, Maurice	Bellaire, Ohio
Marsh, Katherine Ella	Wellsburg, W. Va.

Miller, Edwin S.	Bethany, W. Va.
Morris, Louise	Shelby, Ohio
Murray, Jas. Laurence	Philadelphia, Pa.
Mudge, Sara	Covington, Ky.
McCluer, Marjorie Ruth	R. D., Dayton, Ohio
McCollam, Mildred E.	Uhrichsville, Ohio
Naylor, Marvin W.	Wheeling, W. Va.
Patterson, Lawrence	E. Palestine, Ohio
Pour, Joseph R.	Cleveland, Ohio
Ray, Mary Lillian	Washington, Pa.
Riblet, Douglas C.	E. Cleveland, Ohio
Schell, Donald Edmond	Ambrdige, Pa.
Shoemake, Charles Hubbard	Oskaloosa, Iowa
Simmons, Lennie Ermine	Dover, N. C.
Slee, Martha M.	Philipsburg, Pa.
Smith, Harold Sidney	Wheeling, W. Va.
Snyder, Helen Gladys	Steubenville, Ohio
Springer, Lois L.	Crooksville, Ohio
Sumpstine, Wilbur John	Somerset, Pa.
Timmons, Elizabeth	Cameron, W. Va.
Townsend, Byron William	E. Cleveland, Ohio
Turley, Hollos Lee	Edon, Ohio
Turner, Virginia	Cleveland, Ohio
Ward, Normal	Huntington, W. Va.
Wells, Noel	Bethany, W. Va.
Wheaton, Harry D.	Wheeling, W. Va.
Wood, Ralph H.	Littleton, W. Va.
Whitehead, Ralph	Wellsburg, W. Va.

Freshmen

Adams, Vina	Corbin, Ky.
Allen, Paul	Monrovia, Cal.
Baker, Marian Louise	Mannington, W. Va.
Barr, Ronald Erwin	Wellsburg, W. Va.
Beighley, Marian	Connellsville, Pa.
Beight, Kenneth Charles	E. Palestine, Ohio
Bennett, Fannie	Bethany, W. Va.
Blair, John C.	Perryopolis, Pa.
Bloomfield, Louise	Wheeling, W. Va.
Buck, Ross W.	Pittsburgh, Pa.
Burdette, Lela Imogene	Dennison, Ohio
Cashman, Donald	Wilmington, Ohio
Clark, Charles Geisel	Hooversville, Pa.
Connelly, Dorothy	Uniontown, Pa.
Counselman, Ruth	Wellsburg, W. Va.
Coy, Margaret Lucile	Wellsville, Ohio
Craig, George	Elkins, W. Va.

Craig, Gladys Selestyne	Follansbee, W. Va.
Cranfield, Leslie W.	Forth Worth, Texas
Crawford, Norman	Cleveland, Ohio
Crawford, Ronald E.	E. Liverpool, Ohio
Danthine, Amelia Alice	Wellsburg, W. Va.
Dawson, George Jr.	Valley Grove, W. Va.
Devitt, Allen Henry	Hopedale, Ohio
Farabee, Grace Carolyn	Washington, Pa.
Fickes, Marjorie Elizabeth	New Cumberland, W. Va.
Fizer, Claro L.	Huntington, W. Va.
Fogle, Maurice	Barberton, Ohio
Foster, Irene C.	Bethany, W. Va.
Frazier, Elva	Wheeling, W. Va.
Galvin, Edward Joseph	New Milford, Conn.
Gardner, Fred I.	Eaton, Ohio
Gehring, Clyde	Wellston, Ohio
Hanes, Marion D.	New Castle, Pa.
Harrison, John Virgil	New York City
Harsh, Conley	Harlem Springs, Ohio
Hasbrouck, Mary Esther	Barnesville, Ohio
Hayden, Ruth	Uniontown, Pa.
Hedden, Owen S.	Fairhope, Ala.
Hemington, David	Uniontown, Pa.
Hibbard, Frank	Carlton, Pa.
Hibler, Francis W.	Bethany, W. Va.
Higgins, Conwell	Schenectady, N. Y.
Hill, William B.	New Castle, Pa.
Holden, Ruth	Wheeling, W. Va.
Hobbs, Laura Mary	Miami, Fla.
Hueston, Howard Alvin	Sherman, Conn.
Kane, Beatrice	Crooksville, Ohio
Kidder, James R.	E. Liverpool, Ohio
Lacock, Clare	Granville, Ohio
Lane, Margaret Elizabeth	Shadyside, Ohio
Laporte, Dan I.	Adelaide, Pa.
Lidderdale, Joe	Parkersburg, W. Va.
Long, Milford	Carrollton, Ohio
Loppacker, Everett P.	Bloomfield, N. J.
Mackey, Melvin	Woodruff, W. Va.
Maffett, Joseph	Carrollton, Ohio
Massey, Jerome	Carrollton, Ohio
Mayer, Emil	E. Liverpool, Ohio
Melton, Rosalie Daltz	Washington, D. C.
Miller, Fred	Cameron, W. Va.
Moninger, Wilma	R. D., Washington, Pa.
Murray, Esther	Lorain, Ohio
Myers, Mildred	Pine Grove, W. Va.
McFadden, William	Bethany, W. Va.

McGuire, Hugh Maxwell	Bowling Green, Ohio
Moore, Ferrall H.	St. Louis, Mo.
Nations, Karl M.	Washington, D. C.
Neel, Paul	Mingo Junction, Ohio
Newman, Delore	New Martinsville, W. Va.
Parker, Alfred J., Jr.	West Newton, Pa.
Patterson, Robert Lee	Mingo Junction, Ohio
Pendleton, Cassil	Eustis, Fla.
Prichard, J. Theodore	Leisenring, Pa.
Prichard, William	Leisenring, Pa.
Reager, Aldalyn	E. Liverpool, Ohio
Reed, Edith	Buckeye City, Ohio
Riggs, Edna Theodosia	Cameron, W. Va.
Robinson, Ersel Charlotte	Littleton, W. Va.
Rodefer, Elizabeth	Shadyside, Ohio
Sala, Robert	Buffalo, N. Y.
Saler, Bayard Will	Greensburg, Pa.
Sayre, Inez Eileen	Bridgeport, Ohio
Schaefer, Paul Everett	Kenmore, Ohio
Schwinger, Pearl	Bethany, W. Va.
Simmons, Lottie	Dover, N. C.
Stewart, Minnie C.	Wheeling, W. Va.
Stimmel, Benjamin	Port Royal, Pa.
Stone, Esther	New Cumberland, W. Va.
Stobbs, Hugh	Wheeling, W. Va.
Swallow, Carolyn	Middleport, Ohio
Taylor, Gladys	Bethany, W. Va.
Tennant, Alfred	Minerva, Ohio
Terrill, Clarence L.	Takomo Park, Md.
Trautman, Lillian Mae	Wheeling, W. Va.
Tuck, Shelda	Tonawanda, W. Va.
Wallace, Fletcher	Kirkwood, Mo.
Walther, Frederick M.	Kirkwood, Mo.
Ward, Donald	Clarksburg, W. Va.
Warren, Edgar Lovett	St. Louis, Mo.
Welling, Edna	West Alexander, Pa.
Wells, Frieda	Bethany, W. Va.
White, Leona Mae	South Bend, Ind.
White, Lois	Lancaster, Ohio
Whitney, Mary Jean	Parkersburg, W. Va.
Williams, Charlotte	Follansbee, W. Va.
Wiseley, Gertrude	Findley, Ohio
Yocum, Katherine Virginia	Steubenville, Ohio

Specials

Corley, Paul K.	New Cumberland, W. Va.
Ganoe, J. Howard	Point Marion, Pa.

Jenkins, Zelle M.	Carnegie, Pa.
Jones, Robert	Cynthiana, Ky.
Neilson, David	Bethany, W. Va.
Olsey, Theodore James	Buffalo, N. Y.
Wilson, Wayne	Morristown, Ohio

Summer School Students—1922

Barclay, Virginia	Crew, Va.
Beck, Esther	Follansbee, W. Va.
Booher, Florence	Bethany, W. Va.
Borland, Dorcas A.	Wheeling, W. Va.
Brokaw, Sara W.	Wheeling, W. Va.
Bucher, Stephen E.	Lebanon, Pa.
Burig, W. Glenn	Bethany, W. Va.
Buss, Minnie	Wheeling, W. Va.
Carle, Rachel	Brilliant, Ohio
Carpenter, Agnes	Wheeling, W. Va.
Calhoun, Margaret	Bethany, W. Va.
Caldwell, Maude	Wellsville, Ohio
Campbell, Mary V.	Wheeling, W. Va.
Chambers, Merritt	Cameron, W. Va.
Charles, Frances L.	Marianna, Pa.
Cox, Evelyn	Brilliant, Ohio
Coy, Lucile	Wellsville, Ohio
Culp, Loraine	Empire, Ohio
Cundiff, Wood B.	Columbia, Ky.
Danford, Montana	Shadyside, Ohio
Daugherty, Mary	Wheeling, W. Va.
Dent, Lester A.	Littleton, W. Va.
Dobbs, Mary Edith	Wheeling, W. Va.
Dray, Vera	East Liverpool, Ohio
Echols, Irsel	Littleton, W. Va.
Egbert, Thos. R.	Bethany, W. Va.
Egbert, Mrs. Thos. R.	Bethany, W. Va.
Elliott, Anna E.	Steubenville, Ohio
Engle, Lydia E.	Flushing, Ohio
Everson, Cora E.	Brilliant, Ohio
Farabee, Florence	Washington, Pa.
Foster, Irene C.	Bethany, W. Va.
Fornwalt, Edna M.	Steubenville, Ohio
Frantz, Mildred	Tunnelton, W. Va.
Frazier, Elva	Wheeling, W. Va.
Gallop, Masie Coy	Wellsville, Ohio
Geohring, Henry G.	W. Newton, Pa.
Hartline, Marietta	Empire, Ohio
Harris, Jeannette	Brilliant, Ohio
Heslop, Herbert	Sistersville, W. Va.

Heaslett, Minnie	Hollidays Cove, W. Va.
Higbee, Edna	Shadyside, Ohio
Howes, Thomas H.	Bethany, W. Va.
Hobbs, Beulah B.	Hinton, W. Va.
Hoopingarner, Phyllis	Canal Dover, Ohio
Holman, D. Grant	Livingston, Tenn.
Hufford, Olive M.	Eighty Four, Pa.
Hunter, Adah	Colliers, W. Va.
Hunter, Mary	Tyrone, Pa.
James, Gayle	Deersville, Ohio
Jones, Frank P.	Uniontown, Pa.
Justice, Elsie	Brilliant, Ohio
Kendle, E. F.	Paden City, W. Va.
Kendle, Ferdinand	Paden City, W. Va.
Kirk, Ruth K.	Wheeling, W. Va.
Krauskojf, Vera G.	Wheeling, W. Va.
Kurner, Virginia	Wheeling, W. Va.
Lamb, T. D.	Bethany, W. Va.
Langfried, Olive Lee	Cameron, W. Va.
Livingston, Della	Rayland, Ohio
Loshe, Minnie K.	Wheeling, W. Va.
McCardle, Carl W.	Cameron, W. Va.
McConnell, Cora M.	Moundsville, W. Va.
Mackey, Lureta	Woodruff, W. Va.
Madsen, Theodora Virginia	Hollins, Va.
Meacham, Cameron	Pittsburgh, Pa.
Miller, Mary Jane	Bethany, W. Va.
Miller, Nella M.	Colliers, W. Va.
Morgan, Levada Mae	Folsom, W. Va.
Morgan, Ethel	Folsom, W. Va.
Mullen, Matis	Maysville, Ky.
Mulkin, Clarence	Bethany, W. Va.
Negron, Bernado	Bayamon, Porto Rico
Netting, Ruth	Bethany, W. Va.
Netting, Miriam	Bethany, W. Va.
Oden, W. H.	Osark, Ohio
Olsey, Theodore J.	Buffalo, N. Y.
Powell, Verses	Scenery Hill, Pa.
Quillin, Lillian L.	Brilliant, Ohio
Reed, Edith	Buckeye City, Ohio
Reich, Amelia	Wheeling, W. Va.
Riggs, Edna Theodosia	Cameron, W. Va.
Ross, Verle	Taylorstown, Pa.
Sammons, Theo	Canal Dover, Ohio
Schwinger, E. Pearl	Bethany, W. Va.
Schneider, Clara	Coal Run, Ohio
Seely, John W.	Waterford, Ohio
Snowden, Edna	New Cumberland, W. Va.

Sonderman, Stella	Wheeling, W. Va.
Stanley, Hattie	Newell, W. Va.
Stanley, Mary	Newell, W. Va.
Stine, Emmett	New Martinsville, W. Va.
Stewart, Lois M.	Follansbee, W. Va.
Stewart, Minnie	Wheeling, W. Va.
Strickling, Nellie	Wellsburg, W. Va.
Strickling, Lessie	Wellsburg, W. Va.
Tarr, Geneva	Brilliant, Ohio
Thompson, Margie	Newell, W. Va.
Thurber, Ethel M.	Wheeling, W. Va.
Timmins, Elizabeth	Cameron, W. Va.
Traubert, Bernetta	Wellsburg, W. Va.
Treweek, Grace	Wheeling, W. Va.
Wallace, Marion	Wheeling, W. Va.
Wagner, Theodora B.	Cameron, W. Va.
West, Hilda G.	Wellsburg, W. Va.
Wells, Linley	Bethany, W. Va.
Wharton, Eleanor E.	Wellsburg, W. Va.
Wilson, Audrey	Follansbee, W. Va.
Wiseley, Gertrude	Findlay, Ohio
Wood, Leah	Littleton, W. Va.
Wood, Mary E.	Littleton, W. Va.

Summary

Graduate Students	2
Seniors	47
Juniors	54
Sophomores	56
Freshmen	109
Special Students	7
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Total	386
Names counted twice	28
Net Total	358

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Bernal R. Weiner

Not to be removed from
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VOL. XVII

MARCH, 1924

No. 2

Catalogue and Announcements 1924 and 1925



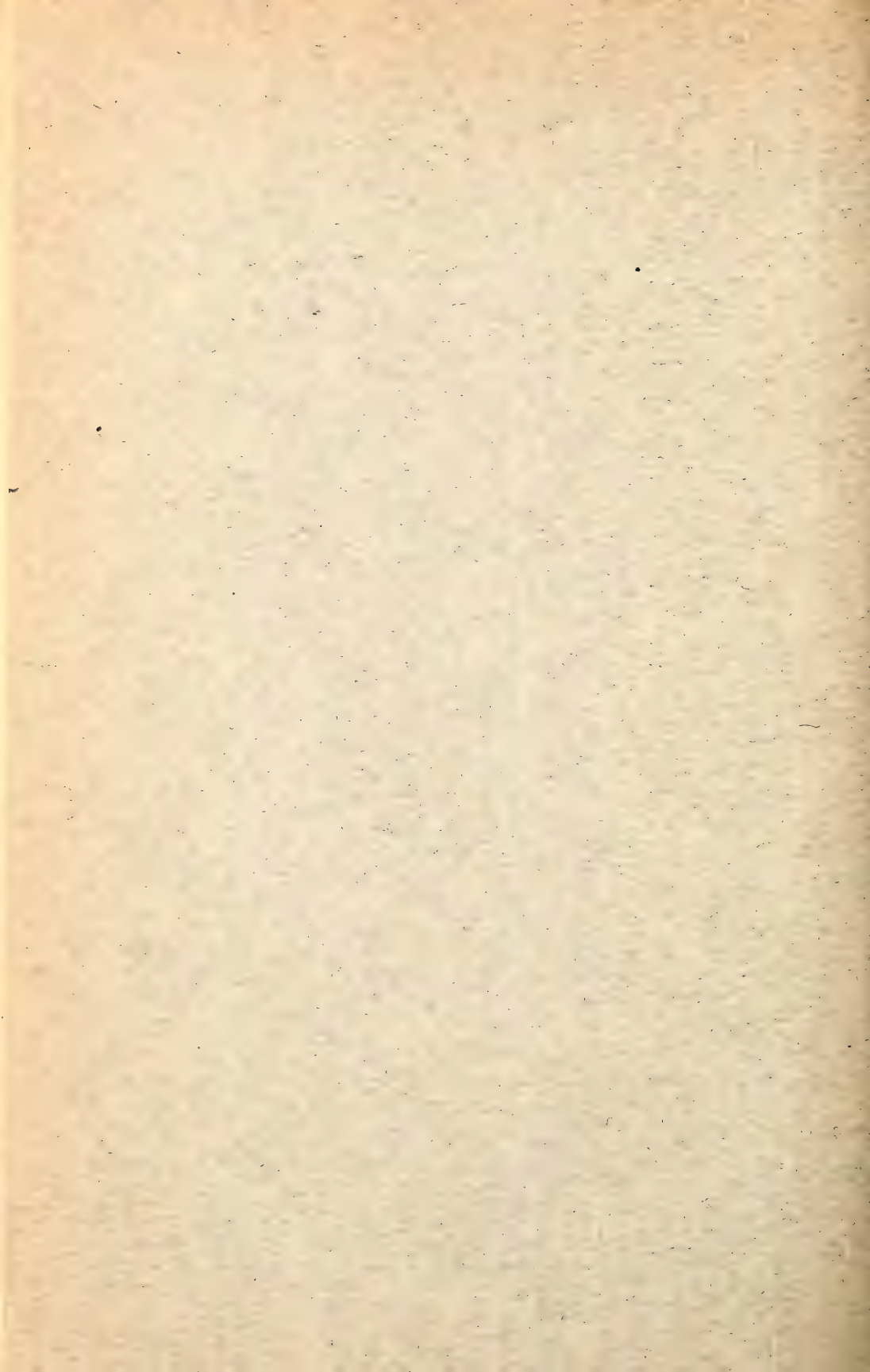
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1924 and 1925

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Founded 1841

Bethany, West Virginia



Published by Bethany College, Bethany, West Virginia
March, 1924

CALENDAR 1924

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CALENDAR 1925

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COLLEGE CALENDAR

1924

1925

FIRST SEMESTER

- September 15—Monday—Entrance Examinations.
September 16—Tuesday—Registration Day.
September 17—Wednesday—Recitations Begin.
November 8—Saturday—Home Coming.
November 14—Friday—Mid-Semester Reports.
November 27—Thanksgiving Day.
December 20—Saturday—3:30 P. M., Christmas Vacation Begins.
January 5—Monday—8:00 A. M., Christmas Vacation Ends.
January 27-30—Tuesday to Friday—First Semester Examinations.
January 31—Saturday—11:00 A. M., Semester Reports.
-

SECOND SEMESTER

- February 3—Tuesday—Registration Day.
February 4—Wednesday—Recitations Begin.
April 3—Friday—Mid-Semester Reports.
April 10—Friday—3:30 P. M., Easter Recess Begins.
April 16—Thursday—8:00 A. M., Easter Recess Ends.
May 30—Saturday—Memorial Day.
June 3-6—Wednesday to Saturday—Semester Examinations.
June 7—Sunday—Baccalaureate Sermon.
June 8—Monday—Annual Meeting of Board of Trustees.
June 9—Tuesday—Annual Commencement.

**EXECUTIVE COMMITTEE OF
BOARD OF TRUSTEES**

M. M. COCHRAN, *Chairman*

THOMAS W. PHILLIPS, JR.

W. J. HERBSTER

A. E. MCBEE

SAM J. RENO, JR.

L. D. MERCER

W. D. TURNER

BEN JOHNSON

*R. M. ADDLEMAN

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W. H. CRAMBLET, *Treasurer*

M. V. DANFORD, *Secretary*

*Deceased.

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TERM EXPIRES JUNE, 1925

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JUDGE J. B. SOMMERVILLE	Wheeling, W. Va.
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TERM EXPIRES JUNE, 1924

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W. E. PIERCE	Cameron, W. Va.
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OLIVER C. VODREY	East Liverpool, Ohio
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L. T. MORLAN	Beaver, Pa.
R. A. BALDERSON	Pittsburgh, Pa.

*Deceased.

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A.B., Bethany College; A.M., Ph.D., Yale University.

*With exception of the President, members of the faculty are arranged in order of seniority of appointment.

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A.B., A.M., Butler College; B.D., Yale University.
- HALL LAURIE CALHOUN, B.D., Ph.D., *T. W. Phillips Professor of Old Testament Language and Literature.*
A.B., Kentucky University; B.D., Yale University; Ph.D., Harvard University.
- JESSIE ELIZABETH ACKER, B.S., *Associate Professor of Home Economics.*
B.S., University of Kentucky; Columbia University.
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B.Ped., Millersville State Normal; A.B., A.M., Pennsylvania State College; Yale University; Clark University; Ph.D., Kansas City University.
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- WILLIAM KIRK WOOLERY, A.M., *Geo. T. Oliver Professor of American History and Economics.*
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- BERNAL ROBINSON WEIMER, A.M., *Professor of Biology.*
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- IRVIN TAYLOR GREEN, A.M., B.D., *Professor of Biblical Doctrine and Church History.*
A.B., Transylvania College; A.M., B.D., Bethany College; University of Chicago.
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A.B., Milligan College; A.M., Columbia University.
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A.B., A.M., Indiana University.
- ANNA MARY KEMP, A.B., *Librarian.*
A.B., Bethany College.

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D.D.S., University of Pittsburgh.

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B.L., Bethany College; University of Southern California.

MILDRED FLINN, *Instructor in Art.*

Washington University, St. Louis, Mo., 1918-23.

CHARLES VOORHEES ELDER, A.B., *Director of Athletics.*

A.B., Bethany College.

WILLIAM THOMAS LATTO, B.S., *Director of Physical Educa-
tion.*

B.S., Bethany College.

HAZEL MERLE MERCER, A.B., *Hostess at Phillips Hall and
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A.B., Bethany College; University of Wisconsin.

ROLLA VERGIL COOK, A.M., *Acting Professor of Physics.*

A.B., A.M., Indiana University.

RAY STANLEY MARSH, M.Sc., *Acting Professor of Agricul-
ture.*

B.Sc., M.Sc., University of Missouri.

MARY ETTAH CALHOUN, *Instructor in Public Speaking.*

Tennessee Female College; Yale University; Curry
School of Expression.

-----, *Assistant Professor of Chemistry.*

-----, *Assistant Professor of Modern Languages.*

BENJAMIN F. STIMMEL, *Assistant in Chemistry.*

WILBUR J. SUMPSTINE, *Assistant in Biology.*

DOROTHY M. DAVIS, *Assistant in Biology.*

**STANDING COMMITTEES OF THE FACULTY
FOR 1924-1925**

Registration:

For Freshmen—Mr. Carpenter, Mr. Woolery, Mr. Hunter, Mr. Calhoun.

For Upper Classmen—Mr. Workman, Mr. Garrett, Mr. Leitch, Mr. Green, Miss Mahaffey, Miss Acker, Miss Clayton.

Library: Mr. Calhoun, Mr. Leitch, Mrs. Bourne, Mr. Workman.

Honors and Degrees: Mr. Workman, Mr. Carpenter, Mr. Woolery.

Credentials: Mr. Carpenter, Mr. Gay, Mr. Cook.

Athletics: Mr. Woolery, Mr. Cramblet, Mr. Weimer, Mr. Elder.

College Functions: Mr. Miller, Mr. Weimer, Miss Mahaffey, Miss Morris, Miss Acker.

Schedule: Mr. Goodnight, Mr. Workman.

Oratory and Debate: Mr. Garrett, Mr. Calhoun, Miss Clayton, Mrs. Calhoun.

Student Publications: Mrs. Bourne, Mr. Woolery, Miss Clayton, Mr. Garrett.

HISTORY AND EQUIPMENT

ORIGIN

Buffalo Seminary, the fore-runner of Bethany College, was inaugurated at Bethany, W. Va., in the year 1818 in the home of Alexander Campbell, commonly known as the Mansion. Here Mr. Campbell offered educational advantages for the youth of the community as well as training for young men in the work of the Christian ministry.

In 1840 Bethany College was chartered by the State of Virginia, through the efforts of John C. Campbell of Wheeling, W. Va. Its first donation was a \$1,000 legacy made by Philip B. Pendleton of Virginia. The campus was donated by the first President of the College, Alexander Campbell, who on his own responsibility began at once the erection of a commodious brick building for the use of the College. The first session opened in October, 1841.

LOCATION

Bethany College is situated in the Pan Handle of West Virginia, seven miles southeast of Wellsburg, fifteen miles north of Wheeling and forty miles south of Pittsburgh. Being as it is, almost one thousand feet above sea level and surrounded by picturesque and inspiring scenery, the location is considered very attractive and healthful. The village in which the college is located is easily accessible, being connected with Wellsburg by an interurban line. At Wellsburg connection is made with traction lines for Steubenville, Wheeling and other Ohio River points and also with the Pennsylvania Lines R. R. Brilliant, Ohio, just across the Ohio River from Wellsburg, is situated on the Cleveland and Pittsburgh Railroad.

BUILDINGS AND GROUNDS

The College Campus—The college campus, containing about fifty acres, overlooks the beautiful Buffalo Creek. A well kept lawn, concrete walks, tennis courts, attractive entrance gates and hundreds of trees and shrubs give the campus a park-like appearance. These beautiful surroundings have a cultural advantage for students which should not be overlooked.

The Main College Building—The main college building stands on an elevation in the center of an attractive campus. It is an imposing structure of Gothic architecture and is well adapted to the purpose for which it is used. It contains numerous class rooms besides a beautiful college chapel and two literary society halls. Along the west side and running the entire length of the building is the Corridor, an open promenade 310 feet in length.

The E. W. Oglebay Hall of Agriculture—This hall was donated to the college by Earl W. Oglebay of Cleveland, Ohio. The corner stone was laid June 7, 1911. The building is used for the teaching of science and agriculture. It contains chemical, biological and agricultural laboratories, a chemical supply room, several class rooms and the college administration offices. The class rooms and laboratories of the Home Economics Department occupy all the third floor. The style of architecture is Tudor Gothic and harmonizes with the Main College building. ,

Carnegie Library Building—This building is 95 feet wide and is constructed of brown pressed brick with Berea sandstone trimmings. The interior is finished with polished oak and presents a very attractive appearance. On the first floor is a large social and banquet room which has been made very attractive through the generosity of the late Mrs. E. W. Oglebay. The second floor is given over to the library proper and contains reading rooms and the book stack room which is furnished with steel shelving. On the third floor are four large rooms well adapted for class and lecture rooms.

The Percy B. Cochran Hall.—This new dormitory was donated to the college by Hon. M. M. Cochran of Uniontown, Pa., in 1910, as a memorial to his son, Percy B. Cochran. The building is four stories high. The first story is used for dining room and kitchen and living rooms for the governor of the hall. The other floors are used as rooming places for young men. The building is of fireproof construction and built on the latest improved plan. The second and third floors are arranged in suites. In each suite there is a study room, and adjoining this study room there are two bedrooms. Two young men are supposed to occupy a suite of rooms. The building throughout is heated with steam and supplied with shower baths, sewerage, electric lights and all modern conveniences.

The Irvin Gymnasium.—This strictly modern gymnasium was donated by the Irvin family of Big Run, Pa. The building, being of Gothic architecture, is in harmony with the main college building. It is 100 feet in length and 52 feet in width and is equipped with swimming pool 20 x 40 feet, shower baths, team rooms, coach room, trophy room, lecture room, janitor's living room, lockers and track, in addition to the main gymnasium floor.

Phillips Hall—This dormitory, donated by the late Hon. Thomas W. Phillips, Sr., of New Castle, Pa., is stately and commodious, heated with steam and altogether adapted to the needs and conveniences of young ladies. Very recently several thousand dollars have been expended on improvements in this building. It has a capacity for sixty roomers. There is a large dining room on the first floor for the use of lady students and teachers. In this hall are also the rooms of the Dean of Women, who has direct supervision over all the lady students of the college. An earnest effort is made to make this hall a pleasant and attractive home for young ladies.

The Cochran Central Heating Plant—The college came into possession of this building and its equipment through the generosity of Hon. M. M. Cochran of Uniontown, Pa. Eight college buildings, the Bethany Memorial Church and

several dwelling houses which belong to the college are adequately heated from this source. Coal, taken from grounds owned by the college, is delivered by miners direct to the storage room of the plant without the labor of rehandling.

Pendleton Heights—A short distance to the north of the Main Building on the campus is the home of the President, known as Pendleton Heights. This building was erected by W. K. Pendleton, second President of Bethany College, and is admirably suited to its intended purpose.

Commencement Hall—This building will be completed by June 1st, 1924. It will contain, in addition to the chapel and commencement hall proper, five classrooms and the physics laboratory. No expense has been spared to make the building attractive and serviceable.

Apartment Houses and Other Dwellings—The college owns two apartment houses and eight other dwellings for the use of married students and people connected with the college. One of these dwellings is situated on the campus and was formerly owned and occupied by the late Professor A. C. Pendleton. One is used by one of the sororities of the college. The suits of the apartment houses furnish very satisfactory homes for married students and rent for \$180 a year with heat furnished.

The College Farms and Farm Buildings.—Through the generosity of E. W. Oglebay of Cleveland, Ohio, Bethany College now owns the Alexander Campbell farm of 205 acres. At Mr. Oglebay's expense many improvements have been made on this farm, including a large, round dairy barn eighty-six feet in diameter, and a creamery building. By a deed bearing date of April 7th, 1914, Miss Margaretta E. Parkinson has given to the college the farm of 261 acres adjoining the college grounds on the north. Two other tracts of land are owned by the college, making a total of 535 acres that are available for use of the Department of Agriculture.

LIBRARY AND READING ROOMS

The Library and Reading Rooms Equipment—Besides the bound magazines and pamphlets, the library now contains more than 15,000 volumes. Many volumes are added yearly. These are catalogued as promptly as possible and are classified by subjects according to the Dewey Decimal System of Classification. Members of the faculty and advanced students from the upper classes are admitted to the shelves. For all others, books are brought from the stack when requested.

General Regulations—The college library is open throughout the college year every week day except on special occasions as may be determined by the faculty. During a semester the hours are 8:00 A. M. to 9:00 P. M., lunch, dinner, and chapel hours and Saturday and Monday evenings excepted. Students in every department are entitled to the free use of the library. Each student may take books out for a period of two weeks unless they are on "reserve". Books reserved by instructors for class use cannot be taken from the building until 9:00 P. M. and must be returned by 8:30 A. M. the following day.

Special Collections—The library has been the recipient of several valuable collections, among which may be mentioned the following: the libraries of Alexander Campbell, Dr. Robert Richardson, Miss A. C. Pendleton and Archibald McLean. The last named collection, given in November, 1922, consists of 1081 volumes especially strong in missions and theology.

Reading Rooms.—The best periodicals, including some of the leading dailies and weeklies, as well as monthly and quarterly magazines and journals, come regularly to the Reading Room tables.

LABORATORIES

Chemical Laboratories—The chemical laboratory rooms, chemical store room and balance room are situated on the

second floor of Oglebay Hall of Agriculture. The main chemical laboratory is provided with 160 lockers and will accommodate 80 students working at one time. These laboratories are equipped with modern apparatus for various kinds of chemical work.

Physics Laboratories—The physics laboratories have been for a few years on the first floor of Oglebay Hall. Rooms are now being provided in Commencement Hall for the physics department. These rooms will be ready for use by September, 1924.

Biological Laboratories—The biological laboratories are situated in Oglebay Hall. These laboratories are equipped with compound microscopes and other apparatus needed for work in general biology, plant morphology, plant physiology, plant pathology, general zoology, embryology, histology, anatomy and physiology.

Agricultural Laboratories—The Oglebay Hall of Agriculture contains laboratories for various kinds of Agricultural work.

GENERAL INFORMATION

ENDOWMENTS

The M. M. Cochran General Endowment—On January 25, 1921, Hon. M. M. Cochran of Uniontown, Pa., gave Bethany \$500,000 to be known as the M. M. Cochran General Endowment Fund. This amount was paid at once and has made possible the attainment of high aims in the academic work of the college. On February 19, 1923, Mr. Cochran gave an additional \$300,000 to be known as the Cochran Endowment of 1923.

Endowment of Office and Chair of President of Bethany College—Hon. M. M. Cochran of Uniontown, Pa., has donated to the college \$100,000 as an endowment of the office and chair of the President of the college.

Mrs. Sarah B. Cochran of Dawson, Pa., has generously contributed \$25,000 toward the endowment of a chair to be known as the Sarah B. Cochran Chair of Philosophy.

Hon. Thomas W. Phillips, Sr., of New Castle, Pa., has given \$30,000 to endow a chair in Bethany College to be known as the Thomas W. Phillips Bible Chair.

Herbert Moninger Memorial Chair of Bible School Pedagogy—Through the interests and generosity of many Bible Schools, churches, and individuals, a fund of \$25,000 has been given to the college for the endowment of the Moninger Memorial Chair of Bible School Pedagogy.

George T. Oliver Endowment—The late Senator George T. Oliver of Pennsylvania, an alumnus of the college, gave \$50,000 to the Permanent Endowment Fund to be used for the endowment of the Chair of History.

The Thomas W. Phillips, Jr., Endowment—T. W. Phillips, Jr., of New Castle, Pa., has generously donated to the college \$45,000 for endowment purposes.

R. A. Long of Kansas City, Mo., gave \$50,000 to the endowment fund of the college. This amount was used to endow the Chair of Mathematics.

Other Endowment Monies have been pledged and are payable by September 1, 1924. This includes \$200,000 from the General Education Board of New York City. These items will bring the total endowment of the college to \$1,775,000.

STUDENT AID AND SELF HELP

Scholarships—A few friends of Bethany have endowed scholarships in the college. These range in value from \$20 per semester to \$60 per semester; they are in the hands of the donors or their heirs for assignment.

Thirty scholarships have been created by the Board of Trustees and are placed in the hands of the administration for assignment to young men and women of real promise and good High School records. Blanks to be used in securing such scholarships can be had by applying to the President of the college.

Phillips Loan Fund.—Some years ago the Hon. Thomas W. Phillips of New Castle, Pa., generously donated to the Trustees of the college a total of \$10,000 to be loaned to students who are preparing for the ministry. Other gifts and accrued interest have increased this fund until it amounts to more than \$12,000. Loans from this fund may be obtained by ministerial students on complying with the conditions governing the same. Approved security is required of all those borrowing from the fund. No student is loaned more than \$100 per year. All notes bear interest from date of maturity.

Student Employment—Work on the college farms and other work about the college affords opportunities to a number of young people to earn money to meet a part of college expenses. No student can depend, however, on earning more than enough to pay board. Work is not promised to all who apply, and such as show a disposition to shirk in the performance of duties are not considered.

Student Preaching—Ministerial students are frequently called to fill pulpits within easy reach of Bethany. A number of our students preach regularly for near-by churches, and thus, in addition to the good they do for others, earn funds to meet their college expenses. We recommend, however, that no student below the junior year preach oftener than alternate Sundays.

STUDENT ACTIVITIES

Athletics—It is the purpose of the work in Physical Education at Bethany College to assist the students in keeping their bodies in the best possible physical condition. Physical training for both men and women is provided. Regularly organized classes in gymnasium and open air training are maintained. A minimum of two hours per week in gymnasium or field is required of those who are found by examination to be physically able. In connection with the work for men, intercollegiate teams are developed and maintained in football, baseball, basketball, tennis and track and field athletics. Freshman teams are also maintained in the major sports. The student fee of \$10.00 per semester that is charged each student admits the student to athletic contests excepting the Commencement week games.

The athletics of the college is under the supervision of a Board of Athletic Control made up of the Director of Athletics, three members of the faculty appointed by the President of the college, four members of the alumni elected by the alumni and four members of the student body, chosen by the student council. The President of the college is ex-officio member of the Board. The captains of the various teams are chosen by the members of the

teams. Student managers of athletics are chosen by the Board. The Athletic Board reserves the right to remove any captain or manager for cause, at any time.

Bethany College is at present leading in an attempt to organize a tri-state conference of Class B colleges.

Student Council—The students of Bethany College have organized a Student Council for the purpose of promoting student interests and helping with the various phases of the life of the college. Matters pertaining to debating, athletics, student behavior and other general college matters are given attention. This council co-operates with the administration in every way.

Student Publications—The students publish the Bethany Collegian, a bi-weekly, devoted to the interests of the college. The Bethany Harbinger is issued as a quarterly. It is devoted to the interests of the Alumni, the more general interests of the college and those many factors in the life of the Disciples that center in Bethany. Annually a publication called The Bethanian is issued under the more direct supervision of the Senior Class. The student fee of \$10.00 a semester that is charged each student entitles the student to free copies of all publications.

Literary Societies—There are in connection with the college three societies devoted to the cultivation of literary composition and oratory—the Neotrophian, the Adelphian and the American Literary Institute. Every student of the college is urged to become a member of one of these societies.

Oratorical Association—Bethany College holds membership in the West Virginia Intercollegiate Forensic Association. The Oratorical Association of the college, with the approval of the faculty, conducts its own contests for the selection of its representatives in intercollegiate contests.

Debating Contests—Each year teams from Bethany College meet teams from near-by colleges. This intercol-

legiate debating affords the best of opportunities for student development.

Christian Associations—The Y. M. C. A. and Y. W. C. A. both have a large and active membership among the students and are doing good work. Students are urged to become affiliated with one of these associations. One phase of the work of the Y. M. C. A. is to offer a course of lectures each year thus affording students the benefit of some of the best platform talent of the country. In addition to the regular lecture course, interesting and instructive lectures and entertainments are given by prominent people from time to time under the auspices of these associations and other organizations of the college.

Volunteer Mission Band—There is in the college a flourishing Volunteer Missionary Band, which is a strong factor in developing missionary spirit.

Ministerial Association—This association is made up of young men of the Ministerial Department who are engaged in the work of the ministry. Semi-monthly meetings are held, at which meetings vital problems relating to the ministry are discussed.

Fraternities—The following fraternities are represented at Bethany: Beta Theta Pi, Kappa Alpha, Sigma Nu, Alpha Phi Epsilon, Tau Kappa Alpha, Phi Kappa Tau, Alpha Xi Delta, Zeta Tau Alpha and Kappa Delta.

Bethany College Glee Club—This musical organization is under the direction of Professor Moos. During the year this club furnishes music for many college functions and with the aid of a reader and pianist provides entertainments for many churches of Ohio, Pennsylvania and other near-by states.

College Band—The present College Band has a membership of thirty-two. This organization furnishes music for all the outdoor functions of the college and gives a series of concerts during the year. A number of instru-

ments are available for the use of band members. Membership in this organization is open to all possessing the necessary qualifications.

The Merry Masquers—The "Merry Masquers" is the dramatic club under the auspices of the English department. It gives opportunity, not only for the exercise of ingenuity in working out stage setting, lighting, screening, etc., but for self expression in the artistic interpretation of the great characters in dramatic literature. The members of the club have staged parts of the old Miracle plays, the "Morality of Everyman", a sixteenth century "Grand Christmas" in the presence of Queen Elizabeth and her court. They give the Commencement play each year on the college campus. Such plays as "Mid-Summer Night's Dream", "The Tempest", Milton's "Comus", and other plays have been successfully staged in the open air.

GENERAL REGULATIONS

Classification of Students—The classification of students is determined at the beginning of each year according to the following plan:—For full sophomore rank a student must have at least 30 hours of academic credit and 20 quality points, for full junior rank at least 60 hours of academic credit and 50 quality points and full senior rank at least 90 hours of academic credit and 90 quality points.

To obtain conditional enrollment in any class a student must have within two credit hours and two quality points of the number required for full standing.

No student is considered as a candidate for the baccalaureate degree any year who has less than 88 credit hours of academic work and 88 quality points at the beginning of the year.

Class Attendance—Class absences are classified as approved or unapproved. Four absences in a five hour course, three in a four hour course, two in a three hour course and one in a two hour course are allowed each semester without penalty in order to provide for occasions

when the student finds it impossible to attend class because of circumstances over which he or she has no control. Other absences may or may not be approved by the Dean. If approved, the student is granted the privilege to make up for credit the work that was missed. The method of making it up is decided by the instructor in charge of the course. Two weeks after the student returns to class is the limit of time allowed to arrange for making up work. If such arrangement is not made within this time the absence is considered unapproved and the work missed is graded F.

Few reasons are considered sufficiently potent to justify the approval of class absences. Usually only those absences caused by severe illness, intercollegiate contests and approved collegiate activities are given consideration.

If a student's unapproved absences together with the cuts allowed amount to one-sixth of the number of meetings of the class during the semester, and the student succeeds in making a passing grade, one hour less credit is given than the number usually allowed. If these absences amount to one-fourth of the meetings of the class, a grade of F is recorded for the course.

When a student's absences exceed the number of cuts allowed in any course teachers must report the case at once to the Dean's office. It is to be understood that absences for any cause, whether approved or not, are to be counted when considering the number of cuts allowed.

Final Examinations—All students are required to take the examinations that come during the last week of each semester. Those who show by class work and examination that they are entitled to a grade of D or above are passed.

Special Examinations—A student who has been marked incomplete in his course at the end of a semester may, with the consent of the instructor, be given an opportunity to take a second examination on the payment of a fee of \$1.00. When a student is absent from a final examination he may have a special test upon the payment of a fee of \$2.00. Fees for special examinations must be paid at the office of the college bursar before the examinations are taken.

College Entrance Examinations—Students desiring examinations for college entrance will be given an opportunity to take them without charge on the day designated in the college calendar for such examinations.

The Grading System—The class standing of a student in any course pursued is reported by the use of letters. The meaning of letters used may be given as follows:

A—Excellent or 92 to 100 per cent. The letter A is used to denote work of unusual merit.

B—Good or 83 to 91 per cent. This letter is used to show an appreciation and grasp of the subject that is distinctly above the average and very satisfactory.

C—Average or 74 to 82 per cent. This letter signifies the grade of work done by an average student. It is expected that about fifty per cent. of grades given will be C.

D—Inferior or 65 to 73 per cent. This letter denotes work below the average. It shows a lack of application or of ability to grasp the subject.

Inc.—Incomplete or conditioned. The abbreviation Inc. denotes incomplete or conditioned work as a result of sickness or some other legitimate cause, and where an opportunity will be given for the work to be made up. To remove an Inc. the student must, not later than the first week of the next regular college semester, consult the instructor concerned and find out the manner in which the Inc. may be removed. The instructor has the following alternatives:—(1) To require unfinished work to be completed not later than the end of the fourth week of said semester; (2) To grant a special examination not later than the end of the fourth week of said semester; (3) In case of a continuous course, to grant the student the privilege of continuing the course during the semester with the understanding that, if it is satisfactorily completed with a grade of C or above, the Inc. will thereby be changed

to a grade of D, and that, if the student fails to make a grade of C or better, the grade will be recorded as F for both semesters. Seniors are not granted the privilege of this last alternative. Failure to remove an Inc. as above specified will result in the grade being finally recorded as F.

F—Failure or below 65 per cent. The letter F denotes work that is definitely unsatisfactory. A course in which a student has failed should be taken over at the first opportunity.

Penalty for Failures—Any student found on examination of his scholastic standing to not be doing passing work in courses representing at least ten hours of academic credit is placed on probation for a period of one week. If at the end of the probation period the probationer is not passing in academic courses representing ten hours work, he or she is prevented for a period of at least ten days from representing the college in any intercollegiate contest and from participating in college activities that necessitate the missing of classes. At any time after the ten day period that reports from instructors indicate that the student is passing in ten hours of academic work with grades of at least C in as many as six hours, said student is reinstated.

A student who fails during any semester to pass in at least ten hours of academic work and to earn at least six quality points may secure only provisional enrollment for his or her following semester. If no more than four hours of credit are earned by a student during any semester, said student ceases to be a member of the college except on recommendation of an executive committee of the faculty made up of the President, the Dean and the Registrar. If a student provisionally enrolled fails to pass in ten hours of academic work and to earn at least six quality points during a semester, said student automatically ceases to be a member of the college.

No student provisionally enrolled in the college as a result of unsatisfactory class work during a previous semes-

ter in this or any other educational institution, is allowed to represent the college in any intercollegiate contest or to participate in college activities that necessitate the missing of classes. These restrictions may be removed, if mid-semester grades indicate that the student is doing average work in all courses being carried.

Engaging Rooms in Advance—A student desiring to engage in advance a room in either of the dormitories for the college year must make deposit of \$10.00 at the college bursar's office not later than September 1st. Rooms will not be held after that date without this advance deposit. The deposit will be used by the college to pay any damage done to the room or its equipment. In case no damage is done, the amount deposited will be returned at the end of the year. Any student rooming in a college building will be obliged to make this deposit whether or not the room is engaged in advance.

Number of Hours Allowed—A student must carry at least 15 credit hours of academic work each semester, unless for some good reason the Dean of the college allows a less number. No reduction in tuition is made for those who pursue fewer than this number of hours. No student is allowed more than 15 hours without consent of the Dean unless he or she has passed in all work and earned at least 25 quality points during the preceding semester. In no case will a student be allowed to carry over 18 hours of academic work.

Dropping or Changing Courses—Students are not allowed to change or drop courses for which they have enrolled without first obtaining the written consent of the Dean. Application to change or drop a course will not be considered later than one week after registration day without the action having been recommended by the teachers concerned. If the student concerned is a minor, or if the proposed change of courses reduces the number of credit hours being carried to less than fifteen, written consent of a parent or guardian may be required. Any

student who drops a course without first having obtained permission to do so will forfeit the right to membership in the college.

If a student's application to change or drop a course is granted, the Registrar of the college must be informed by the student before the change becomes effective.

Penalty for Late Registration—Students in attendance during any semester must register on the opening day of the following semester, if they desire to continue their work. Two dollars is charged for each day of delay in registering. This rule does not relate to students entering for their first semester.

Student Conduct and Discipline—It is the aim to have the discipline of the college firm and reasonable, appealing to the purest motives and best sentiments of the student. No rules for conduct are made save those believed to be dictated by wisdom. In all matters pertaining to personal conduct the Faculty believes in the American principle of self-government, and confidently relies upon the manly and womanly student for support. When any student cannot be controlled by the application of such principles, or when he becomes so indifferent to his opportunity as to fail to accomplish the object for which he is sent to college, his parents or guardian will be informed of the fact and requested to withdraw the student from the college.

Chapel Attendance—Chapel exercises are held four days a week at ten o'clock in the morning. Attendance is obligatory on all students.

Religious Life of the College—It is the aim of the management to cultivate and develop the religious nature of students; to create and maintain a religious sentiment that shall be in harmony with the best thought of our Christian civilization. The Bible is a recognized text-book in the college and the constant aim is to surround the students with an atmosphere which is genuinely Christian without being sectarian.

Rules Governing Fraternities and Sororities—

- I. No student of any classification shall be invited or pledged to any fraternity or sorority earlier than the fourth Friday following said student's first Registration Day. Special students shall not be invited or pledged at any time.
- II. Students shall not be initiated into any fraternity or sorority until they have presented fifteen high school units for entrance, have fifteen semester hours of resident collegiate work credited on the registrar's books, and have earned at least fifteen quality points.
- III. No student shall room in a sorority, fraternity or club house until he or she has been in residence at the college one full year and earned at least thirty semester hours of college credit, unless by special permission of the faculty.
- IV. The pledges of all fraternities, sororities and clubs must be selected from a list of eligibles obtainable at the college registrar's office on the fourth Thursday following Registration Day. The name of no student will appear on this list whose credentials are not in the hands of the registrar at least four days before said lists are due.
- V. No student shall be invited or pledged later in the college year until the registrar has declared the same to be eligible.

Reports of Student Standing—At the end of each semester (or oftener, if requested), a report is sent to the parent or guardian of each student, stating grades and absences from recitations and examinations, together with such other information respecting the student's progress and conduct as may be deemed proper to communicate, or as the parent or guardian may especially request.

Changes in Regulations Covering Courses of Study, Degrees, Discipline, Etc.—The college reserves the right to amend the regulations covering the granting of degrees, the courses of study, and the conduct of students. Membership in Bethany College and the receiving of a degree are privileges, not rights.

STUDENT HONORS

Class Honors—Class honors are awarded at the end of each college year on the basis of quality points earned. The names of first and second honor students are published at Commencement time. Freshmen must earn 60 quality points, sophomores 70, juniors 75, and seniors 80 during a year in order to be classed as first honor students. In order to be classed as second honor students, freshmen must earn 50 quality points, sophomores 60, juniors 65, and seniors 75. The quality points are determined on the basis of 15 hours of academic work.

Graduation Honors—Students who earn 320 quality points in four years or 170 during junior and senior years, with no grade under B, are graduated with the honor Summa Cum Laude. Those who earn 300 quality points in four years or 160 during junior and senior years are graduated with the honor Magna Cum Laude. Those who earn 260 quality points in four years or 140 during junior and senior years are graduated with the honor Cum Laude.

It is understood that a student must have been enrolled in this college during his or her junior or senior years and must have satisfied the faculty as to general merits as a participant in college life in order to be eligible for graduation honors.

In counting quality points for graduation honors the points for the best 120 hours in four years or the best 60 hours in two years are the ones considered.

EXPENSES

Tuition—Each student in the college is required to pay a tuition fee of \$60.00 a semester. This entitles the student to registration for fifteen hours of academic work. No

reduction is made to students who are allowed to enroll for less than fifteen hours. Registration for work in excess of fifteen hours will be charged for at the rate of four dollars an hour. Scholarships will not be accepted in payment for the extra hours.

Room Rent in Phillips Hall—Rooms for young ladies in Phillips Hall rent for \$2.00 a week for each student. This rate is on the supposition that each room has two occupants. For those choosing to room alone the room rent will be double this price. Each student is expected to furnish comforts, blankets, sheets, pillow cases, towels, napkins and napkin rings.

Young ladies intending to enter the college and desiring rooms in this hall should make application for same early in the summer. There are rooms for only sixty young ladies and all are usually rented before college opens in September.

Room Rent in Cochran Hall—Rooms in this hall for young men rent for \$2.00 a week for each student. There are some single rooms for those who desire to room alone.

Young men rooming in this hall are expected to furnish their own sheets, pillow cases, pillows, bed-spreads, blankets and towels, and to care for their rooms. Those desiring to live in this dormitory should engage their rooms in advance. Information concerning the engaging of rooms in advance may be found elsewhere in this catalogue.

Board in Phillips Hall—Board in this hall is for ladies only and the charge for meals is \$5.50 per week. All young lady students are expected to board here.

Board in Cochran Hall—Board in this hall is for young men and costs \$5.50 per week.

Board in Clubs—A number of clubs are conducted in the village by young men and in these board ranges from \$5.00 to \$6.50 a week.

SUMMARY OF FEES AND EXPENSES

Tuition per year (not exceeding 15 academic hours each semester).....	\$120.00
Room Rent per year of 36 weeks.....	\$ 72.00
Board per year of 36 weeks.....	\$180.00 to \$234.00
Cost per year for tuition, board and room.	\$372.00 to \$426.00

Books and washing and the special fees for laboratory courses, athletics, publications, etc., mentioned elsewhere in the catalogue are not included in the above estimate of expenses.

FEES FOR MUSIC INSTRUCTION

Piano (Collegiate Course) or Organ, two lessons a week per semester.....	\$50.00
Piano (Collegiate Course) or Organ, one lesson a week per semester.....	27.00
Piano (Elementary Course) two lessons a week per semester.....	40.00
Piano (Elementary Course) one lesson a week per semester.....	22.00
Voice, two lessons a week, per semester.....	50.00
Voice, one lesson a week, per semester.....	27.00
Theoretical Studies, in class, two recitations a week, per semester.....	15.00
Organ Practice, one hour each day, per semester....	20.00
Piano Practice, one hour each day, per semester....	5.00
Music Student for Literary Study per hour.....	4.00

FEES FOR ART INSTRUCTION

Art 31, 32, 43, 44, 51, 52, or 55.....	\$5.00 per semester
Art 56.....	\$7.00 per semester

SPECIAL FEES

Physics 31, 32, 51, 52.....	\$ 4.00	per semester
Agriculture 11, 12, 31, 32, 13, 14....	4.00	" "
Biology 11, 12, 31, 32, 35, 36, 37, 42....	4.00	" "
Biology 34.....	1.00	" "
Geology 31 or 32.....	2.00	" "
Chemistry 11, 12, 13, 14, 33, 34.....	6.00	" "
Chemistry 53, 54.....	10.00	" "
Chemistry 31, 41, 42.....	7.00	" "
Home Economics (Cooking).....	4.00	" "
Home Economics (Sewing).....	1.00	" "
Surveying.....	3.00	" "
Biology 39, 40.....	2.00	per credit hr.
Diploma in any course.....	10.00	
Special Examination.....	1.00	to 2.00
Entrance Examination (except first week).....	2.00	
Change of Registration after Registration Day.....	1.00	
Late Registration (per day).....	2.00	
Student Fee.....	10.00	per semester

DEPOSITS FOR BREAKAGE

Besides the fees named above each student enrolled for work in Chemistry must make a deposit each semester of \$3.00 for Course 11, 12, 13, 14 or 31; \$5.00 for Course 33, 34, 41 or 42 and \$10.00 for Course 53 or 54. This deposit, less any charges that may be made for breakage, is returned to the student at the end of the semester.

Each student rooming in a college dormitory must deposit \$10.00 a year with the Bursar of the college to pay for any damage that may be done to the room or room furnishings. This deposit, less any charge that may be made for breakage, is returned to the student at the end of the year.

TIME OF PAYMENT OF ACCOUNTS

Tuition, room rent, student fee, and special fees for laboratory courses are to be paid in advance. Board bills are to be settled at the end of each two weeks. Every student using a scholarship must present it or a copy of it to the Bursar at the time of registration.

When tuition, room rent and fees are not paid before the end of the two weeks following Registration Day, ten per cent. is added to the charge for these items.

All accounts with the college must be paid in full before students are admitted to the final examinations held at the close of each semester.

No portion of a student's fee is returned on account of withdrawal from college unless the withdrawal be rendered necessary by ill health. No allowance is made on this account for less than four weeks.

AIMS AND PURPOSES

GENERAL PURPOSE

Bethany College is content to be no more than a college doing a high grade of work of standard type. The charter of Bethany College issued in 1840 provides that it shall be an institution "of learning for the instruction of youth in the various branches of science and literature, the useful arts, agriculture, and the learned and foreign languages". Hence the course of study is planned in such way as to provide thorough discipline and develop those powers that enable one to observe and think. About one-half of the college course is prescribed.

The faculty is ready to make suggestions for the benefit of students that expect to pursue training in professional schools. Provisions are made for such choice through a liberal offering of majors and minors as well as related, elective courses. The following statements will indicate the range of work available for those who may have a special interest in the particular fields named.

TRAINING FOR MINISTERIAL AND MISSIONARY STUDENTS

The founders of Bethany College had in mind the education of young ministers. In recent years it has been the expressed wish of a number of the most generous donors to Bethany College that courses of study for ministerial and missionary students should be given a prominent place in the curriculum of the college. It is believed that those students who wish to work for and among the Disciples of Christ can be best trained in colleges founded and directed by this group of people. It is the purpose of the institution to offer such students training that is equal in

thoroughness and comprehensiveness to that offered in the best seminaries.

For ministerial students taking the A.B. course and desiring to major in Old Testament, New Testament or religious education regular standard courses of study are provided. The same is true of students desirous of preparing themselves for work on the mission field, pastoral helpers, or directors of religious education. Such courses are not detailed in the catalogue but have been worked out carefully and are available.

However, in accordance with the foregoing aims, wishes and beliefs, the following regular A.B. course is suggested and prepares the student for the B.D. course; likewise a course of study leading to the B. D. degree is set forth.

Suggested A. B. Course to Precede B. D. Course

Freshman	Sophomore	Junior	Senior
English 11-12	Eng. 31-32	History	Sociol. 51-52
Science 11-12	Science 11-12	Psychol. 31-32	Philos. 53-54
Fr. or Ger.	Ger. or Fr.	Greek 11-12	Greek 41-42
O. T. 11-12 or	N. T. 13-14	Rel. Ed. 35-36	Hebrew 81-82
31-32 or	Phys. Ed.	Eng. 51-52	History
53-54		Rel. Ed. 37-38	Eng. 71-72
Phys. Ed.			

B. D. Course

Junior	Middler
O. T. 11-12 (4) or	Ch. Hist. 71-72 (3)
31-32 (4) or	N. T. Greek 81-82 (3)
53-54 (3)	Heb. 101-102 (4) or
N. T. 13-14 (4)	C. T. 51-52 (4) or
Rel. Ed. 35-36 (2)	O. T. 55-56 (4) or
Hebrew 81-82 (4)	N. T. Doc. 61-62 (3) or
N. T. Doc. 61-62 or	Tea. of Jesus 51-52 (3)
Tea. of Jesus 51-52	N. T. Intro. 73-74 (3)
Rel. Ed. 37-38 (2)	Red. Ed. 55-56 (2) or
	57-58 (2)
	Acts 61-62 (3) alternates with
	N. T. Intro. 73-74

Senior

Hist. of Missions 73 (3)

Hist. of Disciples 74 (3)

Eng. Exeg. 53-54 {alternate} (3)

N. T. Greek 85-86 } years } (3)

Homiletics 61-62 (4)

63-64

N. T. Background 75-76 (2)

Sociology 57-58 (2)

O. T. 101-102 (3)

Sociology 55-56 (3)

TRAINING IN AGRICULTURE

Extract from an article by Alexander Campbell on the "New Institution", a prospectus of Bethany College. From the Millennial Harbinger of 1840—p. 132.

"Agriculture, both theory and practice, is but beginning to command the respect and attention due to this most useful, honorable and princely of all human callings and pursuits. This, next to religion and morality, and the art of reading and writing, ought to be taught in all its branches, from the infant school and upwards, to the last lecture in the course."

The liberality and wise foresight of Mr. E. W. Oglebay has enabled Bethany College to carry out the earnest wish of its prophetic founder as expressed in the above quotation.

No attempt is made to duplicate the work of the agricultural colleges and experiment stations, but the aim is to give to the limited number of students admitted to the agricultural department of Bethany a practical training in agriculture such as makes rural life satisfying and profitable.

The college is well equipped to offer work along agricultural lines. The college farms, comprising over 500 acres of land, are well equipped for demonstration and practical farm work. The useful farm crops are grown and demonstration experiments are being carried out to show the most profitable crop rotations and the best methods of maintaining soil fertility.

An excellent herd of registered Guernsey cattle and also pure bred animals of other types are owned by the college, making it possible to offer students practical courses in Stock Judging, Dairying and Animal Husbandry.

There are some ideal locations for orchards on the college farms. Fifteen acres have already been planted by the agricultural department in co-operation with the State Experiment Station. This orchard contains three hundred selected varieties and should be of great educational value.

Practically all the work in organizing, equipping and operating the college farms in all of their departments is done by the instructors and students of the department of agriculture. Planning and carrying out this work and studying and discussing the results accomplished will best prepare the students to do similar work on their own farms and elsewhere.

TRAINING IN HOME ECONOMICS

Bethany College is meeting the demand for Home Economics training by providing the young ladies with a sewing laboratory, a cooking laboratory, a small dining room for practice in the correct serving of meals and a recitation room, in Oglebay Hall.

The courses in Home Economics are designed to train young women in the proper care and management of the home and to prepare them for their full responsibility as intelligent, efficient and helpful factors in social and industrial progress.

The work is outlined to meet the needs of two types of students. (1) Those who major in other subjects and desire a knowledge of the fundamental principles underlying selection and preparation of foods and the cutting and making of garments. (2) Those who wish to use Home Economics as a major in a four year college course.

TRAINING FOR TEACHERS

The primary aim of the Department of Education is to send forth graduates with professional enthusiasm, knowl-

edge of the basic principles of educational theory and practice, and with special preparation to teach certain chosen subjects embraced in the secondary school curriculum.

Candidates for high school teaching certificates are privileged to observe and do directed teaching in the local high school. One-third of the work in observation must be done in other high schools. The excellent high schools of Wellsburg, Warwood, Wheeling and Steubenville are easily accessible by trolley.

State Recognition—The Department of Public Instruction in Ohio, New York, Pennsylvania, Michigan, Illinois, West Virginia and some other states have placed Bethany College on the approved list for the training of teachers. This means that graduates of Bethany College may teach in the public schools of these states without taking the usual teachers' examinations, if they pursue proper subjects in education.

Requirements for a High School Teacher's Certificate—As a part of the hours required for graduation, students desiring a High School certificate must complete the following work along educational lines:

To be taken during Sophomore and Junior years:

Psychology and Applied Psychology.....	6	hours
History and Principles of Education.....	6	"

To be taken during Junior and Senior years:

✓ Principles of Teaching.....	4	"
H. S. Management.....	2	"
School Administration and Hygiene.....	3	"
High School Methods.....	2	"

To be taken during Senior year:

Observations and Directed Teaching.....	3	"
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TRAINING IN MUSIC

A liberal all-embracing education having been the aim of Bethany College from its very inception, music has for years been given its proper place in the curriculum.

Recognizing the cultural and educative value of a course in Music, the college makes the study of Musical Theory one of the elective courses of the college, and allows the same to be used for credit toward the baccalaureate degree. A maximum of twelve semester hours will be allowed.

Students of the Music Department are required to pursue at least one study in some other department of the college.

A Glee Club, College Band and Choral Performances offer the student body a varied field of musical activity. A modern, well appointed pipe organ is available for practice purposes. For terms of organ rental, piano rental and tuition fees consult the general table of expenses.

Requirements for Graduation in Music—No degree is given in Music, but a Diploma of Graduation is conferred upon the completion of the Collegiate Course in Piano, the course in Organ and the course in Voice, together with a prescribed course in Theory as follows:

Piano Courses 11-12, 31-32, 51-52, 53-54, 33-34, 55-56.

Organ Courses 11-12, 31-32, 51-52, 53-54.

Voice Courses 11-12, 31-32, 51-52.

A teacher's Certificate is conferred upon the completion of the third year of the Collegiate Piano Course and the courses in Theory required for graduation in Piano.

All candidates for diplomas or Teachers' Certificates must satisfy the college entrance requirements.

PRE-MEDICAL TRAINING

For those intending to take up the study of medicine, the college offers courses which satisfy the entrance requirements of the best medical schools of the country. These schools require as a minimum eight semester hours in each of the sciences, biology and physics, and sixteen

semester hours of chemistry, of which eight must be organic chemistry, six semester hours of English and eight semester hours of foreign language, preferably German or French. In addition, students are urged to elect further work in biology, chemistry and the social sciences.

Many medical schools now require three years of college work preparatory to entrance while the best institutions are open only to those students having a collegiate degree. Students preparing for medicine are urged to spend at least three years in preparatory work and avail themselves of the courses offered in qualitative and quantitative chemical analysis, physical chemistry, vertebrate zoology, histology, embryology, social science and psychology.

REQUIREMENTS FOR ADMISSION

Applicants for admission to Bethany College must furnish evidence of good moral character and be not less than sixteen years of age. Those coming from other colleges must present evidence of honorable dismissal from the school last attended.

Admission by Certificate—Graduates from first grade High Schools accredited by various states are admitted to the college upon presentation of evidence that they have completed a four year course of study. They must offer not less than fifteen units.

Definition of a Unit—In avaluating the work offered by applicants for admission, the following definition of a unit made by the National Conference Committee on standards of colleges and secondary schools is used:

“A unit represents a year’s study in any subject in a secondary school constituting approximately a quarter of a full year’s work.”

This definition of a unit takes the four-year high school course as a basis and assumes that the length of the school year is from thirty-six to forty weeks, that a period is from forty to sixty minutes in length and that the study is pursued for four or five periods a week; but under ordinary circumstances, a satisfactory year’s work cannot be accomplished in less than 120 sixty-minute hours or their equivalent. Schools organized on a different basis can, nevertheless, estimate their work in terms of this unit. Two hours of laboratory work are assumed to be equivalent to one hour of classroom work.

Prescribed Units—Of the fifteen units required the following are prescribed:

English	3 units
Mathematics	2 “
Foreign Language	3 “
(Two in same language)	
History	1 “
*Science	1 “

*General Science will not be allowed to satisfy the science requirement.

A student coming from an accredited first grade High School and offering at least 15 units for entrance, but lacking one or more of the prescribed ones, may be enrolled as a Freshman but said student will be required to elect in the college, for each unit lacking, four hours of work in the same department, in addition to the number of prescribed college hours.

Distribution of Units—The following subjects are regularly accepted for admission. The maximum number of units allowed in each is also indicated. With the approval of the Credentials Committee of the faculty subjects not listed but included in the curriculum of a first grade High School may be accepted for credit.

English	4 units	Civil Government....	½ unit
Algebra	1½ “	El. Economics.....	½ “
Plane Geometry....	1 “	Chemistry	1 “
Solid Geometry....	½ “	Biology	1 “
Trigonometry	½ “	Physics	1 “
Latin	4 “	Botany	1 “
Greek	3 “	Zoology	1 “
French	3 “	Geology	1 “
Spanish	3 “	Physiology	½ “
German	3 “	Physical Geography.	½ “
Ancient Hist.....	1 “	Hyg. and Sanitation.	½ “
Med. & Mod. Hist..	1 “	Gen. Science.....	1 “
English Hist.....	1 “	Drawing	1 “
American Hist.....	1 “		

Not to exceed 4 units from the following Vocational Subjects:

Agriculture	2	units
Home Economics.....	2	"
Stenography and Typewriting.....	1	"
Commercial Arithmetic.....	$\frac{1}{2}$	"
Commercial Law.....	$\frac{1}{2}$	"
Commercial Geography.....	$\frac{1}{2}$	"
Bookkeeping	1	"
Manual Training.....	2	"

Admission by Examination—Students who for a good reason have not been permitted to complete a high school course of study, but furnish evidence of an equivalent training may be admitted to Freshman standing upon examination at the college.

Admission to Advanced Standing—Students from other standard colleges may be admitted upon presentation of evidence that they have satisfied the entrance requirements of this college and were in good and regular standing in the institution last attended. All applications for advanced standing must be accompanied by certificates stating the nature and extent of college courses completed and signed by the President or other official of the college where the work was done.

In no case will a student be granted a degree who has not been in attendance at this college at least during the senior year.

Admission of Special Students—Mature men and women, not under 21 years of age, who are not able to present 15 entrance units, are admitted to this college as special students in accordance with the regulations of the Association of Colleges and Secondary Schools of the Southern States. Such students are not regularly classified, are not given college credit for work done and are not accepted as candidates for degrees. If at any time they satisfy their entrance deficiencies, they may be admitted to Freshman standing. In no case will college credit be given for college courses taken before entrance requirements are completed.

Method of Enrollment—Students who plan to enter the college must furnish the Registrar with certificates indicating the nature and extent of their preparation. These certificates must be signed by the Principal or Superintendent of the high school attended and should be mailed to the chairman of the Credentials Committee, if possible, before September first. Blank certificates for this purpose will be furnished by the college, if desired.

On registration day students are apprized of their standing and, if permitted to enroll, fill out, with the aid of advisers, enrollment cards. These cards are presented to the college Bursar with whom a settlement must be made of semester bills.

Before filling out enrollment cards students above Freshman rank must consult with the Dean of the college regarding their major and minor work.

The names of students enrolled in various courses are furnished to the instructors by the Registrar.

REQUIREMENTS FOR GRADUATION

Degrees—Courses are offered in Bethany College leading to the degrees Bachelor of Arts and Bachelor of Science.

Requirement of Hours for Graduation—Candidates for a baccalaureate degree are required to complete 124 semester hours of college work of which not to exceed four hours may be offered in Physical Education. Of the 124 hours required, the following are prescribed:

For the A.B. degree:

English	6 hours
Science	16 "
(Chemistry, Biology, Mathematics, Physics.)	

Note: A student who is not majoring or minoring in Physics, Chemistry, Biology or Mathematics must take at least eight hours work in each of two of these departments in order to satisfy the Science requirement for graduation.

Foreign Language (Greek, Latin, French, Spanish, German).....	14 "
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Note: In case a student offers two units in a foreign language for entrance, 12 hours of the same language in college will satisfy this requirement.

History or Social Science (History, Economics, Sociology, Political Science)	12 "
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Note: Except for the purpose of satisfying the requirements for a major or minor not more than six of the twelve hours required in Social Science can be taken in any one subject of the Social Science Group.

Philosophy, Psychology, Education, Religious Education.....	12 hours
Bible	6 "
Physical Education.....	4 "

For the B.S. degree:

English	6 "
Foreign Language (Greek, Latin, French, German, Spanish).....	14 "

Note: Same as for A.B. degree.

Science (Chemistry, Biology, Physics, Mathematics)	40 "
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Note: In case of students majoring in Agriculture or Home Economics credit hours in these subjects will be counted as a part of the forty hours required in Science.

History or Social Science (History, Economics, Sociology, Political Science	6 "
Philosophy, Psychology and Education	6 "
Bible	6 "
Physical Education.....	4 "

Requirement of Quality Points for Graduation—In addition to the number of hours required, candidates for a degree must earn at least 120 quality points which are awarded as follows:

For a grade of A, three quality points for each hour of academic credit.

For a grade of B, two quality points for each hour of academic credit.

For a grade of C, one quality point for each hour of academic credit.

For a grade of D, no quality points.

A grade of F standing on the records at the time the student asks for a degree or applies for a transfer of credit will lessen the number of the applicant's quality points one for each hour represented by the course in which the failure is recorded.

Majors and Minors Required—Students are required to choose a major and two minor subjects not later than the beginning of the Junior year. Twenty-four semester hours are required for a major and twelve semester hours for each minor. Subjects are grouped as follows to aid in the proper selection of majors and minors.

- Group I English.
- Group II Foreign Language (Greek, Latin, French, Spanish, German).
- Group III History, Economics, Sociology, Political Science.
- Group IV Chemistry, Physics, Biology, Geology, Mathematics, Agriculture, Home Economics.
- Group V Philosophy, Psychology, Education, Religious Education.
- Group VI Biblical Literature and Hebrew.
- Group VII Physical Education.
- Group VIII Music, Art, Public Speaking.

Students selecting a major from Group I must select minors from II, III, IV, V.

Students selecting a major from Group II must select minors from I, II, III, IV, V.

Students selecting a major from Group III must select minors from I, II, III, V.

Students selecting a major from Group IV must select minors from I, II, III, IV, V, VI.

Students selecting a major from Group V must select minors from I, II, III, VI, V, VI.

Students selecting a major from Group VI must select minors from I, II, III, V, VI.

In choosing a major any one of the following subjects may be selected:

English
Greek
Latin
French
German
Spanish
Chemistry
Mathematics
Agriculture
Home Economics
Biology
Education
Psychology
History & Political Science
New Testament
Old Testament
Religious Education

To the foregoing subjects may be added Economics, Physics, Philosophy, and Sociology to form a list from which minors may be selected.

Requirement of Quality Points for Majors and Minors—
Besides the 24 credit hours required in the major subject a student must have 36 quality points. Twelve quality points are required in each of the minor subjects.

COURSES OF INSTRUCTION

In numbering of courses first semester* courses have odd numbers and second semester courses even numbers. A course having both an odd and even number, as 11-12, runs continuously throughout the year. In registering for the course, the odd number is used the first semester and the even the second. Courses numbered from 11 to 30 are for Freshmen, from 31 to 50 for Sophomores and from 51 upward for Juniors and Seniors.

Courses marked with an asterisk count for one hour less than the usual credit when elected by students in their senior year.

The number in parenthesis after the name of the course indicates the credit given for it each semester. The hours and name of the instructor follow the description of the course.

A course may not be offered, if called for by less than five students.

AGRICULTURE

11. **Animal Husbandry.** (4 Hrs.) Types and classes of farm animals; leading breeds of horses, cattle, sheep, and swine; practice in score card and preparation judging. Animals owned by the college will be studied and occasional trips made to nearby farms.

T., W., Th., 11:30.

Laboratory 8-10 S.

Mr. Marsh.

12. **Dairying.** (4 Hrs.) A general survey of the dairy industry with a definite study of the secretion, composition,

separation, and handling of milk; methods of creaming; manufacture of butter, cheese, etc.; selecting the dairy cows; feeding the dairy cow.

T., W., Th., 11:30.

Laboratory 8-10 S.

Mr. Marsh.

13. Poultry Husbandry. (3 Hrs.) A general study of the leading breeds of poultry; score card and preparation judging; principles of incubation, brooding, and feeding; housing and sanitation; egg production and farm block management.

T., Th., 8:00.

Laboratory 8-10 F.

Mr. Marsh.

14. Horticulture. (3 Hrs.) A general course including fruit growing, vegetable gardening, and landscape gardening. A study of propagation, spraying, fertilization, cultivation, and variety selection of the more popular fruits; the planning, preparation of seed bed, fertilization, culture, insect control, and types of vegetables as applied to the home vegetable garden; and the selection, arrangement of trees, shrubs, and ornamental plants for the farm home, public school, public road, and community centers.

T., Th., 8:00.

Laboratory 8-10 F.

Mr. Marsh.

31. Soils. (4 Hrs.) A course covering the origin, formation, and classification of soils; their physical, chemical, and biological properties as related to soil fertility and crop production; soil management and drainage. Prerequisite, Biology and Chemistry 11 and 12.

T., W., Th., 9:00.

Laboratory 10-12 S.

Mr. Marsh.

32. Field Crops. (4 Hrs.) A study of cereals, hay fiber and root crops. Lectures and recitations upon the history, production, improvement, cultivation, harvesting, and marketing of these crops; practice in judging and testing corn and small grains, and with growing and dried crops and

their products in the field and laboratory. Prerequisite, Agriculture 31.

T., W., Th., 9:00.

Laboratory 10-12 S.

Mr. Marsh.

33. **Animal Feeding.** (3 Hrs.) Composition of plants and animals; digestion and assimilation; feeding standard and balanced rations; methods of feeding different classes of animals. Prerequisite, Agriculture 11.

T., Th., F., 10:30.

Mr. Marsh.

ART

31-32. **Drawing.** (2 Hrs.) Study in charcoal and pencil from casts and still-life.

W., F., 8-10.

Miss Flinn.

37-38. **Sketching.** (1 Hr.) Drawing from life in pencil and charcoal. Prerequisite, one semester drawing in charcoal or pencil from casts, still-life, nature, or life.

S., 10-12.

Miss Flinn.

43-44. **Design.** (2 Hrs.) Study of plant form and historic ornament. Original designs in color and line are worked out in stencil, batik, gesso, etc.

Th., 1:30-2:30.

Laboratory T., 1:30-3:30.

Miss Flinn.

51-52. **Commercial Advertising.** (3 Hrs.) Meaning, purpose, and processes of advertising. Good posters and advertisements are studied and analyzed. Perspective composition, lettering, color, and black and white worked out in original problems.

W., 10:30-11:30.

Laboratory—Hours to be arranged.

Miss Flinn.

55. **Basketry—Reed and Raffia.** (1 Hr.).

Laboratory—Hours to be arranged.

Miss Flinn.

56. **Leather.** (1 Hr.) Covering book-ends, boxes, and

designing and making of smaller articles. Tooling and modeling of leather.

Laboratory—Hours to be arranged.

Miss Flinn.

57-58. **History and Appreciation of Art.** (2 Hrs.) A survey course covering the development of painting and sculpture to the present time. Attention will be concentrated upon the representative masterpieces. Reproduction of paintings and supplementary readings will be the basis of this instruction.

Hours to be arranged.

Miss Flinn.

BIOLOGY

11-12. **General Biology.** (4 Hrs.) A systematic study of the fundamental structures and life processes of plants and animals including man, and the important inter-relationships together with special lectures and discussions of the important principles of Biology—Environment, Heredity, Variation and the Theory of Evolution. Required of all premedical students.

T., Th., 1:30 and 2:30.

Laboratory W., F., 1:30-3:30, and M., 8:00-12:00.

Mr. Weimer and Assistants.

27. **Personal Hygiene and Sanitation.** (2 Hrs.) A study of the fundamental laws of personal health and the principles underlying proper health conditions. The course is an elective and does not satisfy any of the sixteen hours of science required for a degree.

W., F., 8:00.

Miss Morris.

28. **Personal Hygiene and Sanitation.** (2 Hrs.) A repetition of course 27.

W., F., 8:00.

Miss Morris.

31-32. **General Botany.** (4 Hrs.) A general survey of the plant kingdom. Type forms will be studied with attention to morphology, physiology, ecology, phylogeny and

economic importance. Prerequisites, Biology 11-12. (Not offered 1924-1925.)

T., Th., 10:30.

Laboratory W., F., 10:30-12:30.

Mr. Marsh.

34. The Local Flora. (2 Hrs.) The identification of the common seed plants and ferns by the use of manuals and the study of the distinguishing characteristics of the great groups. In the Spring the work will consist mostly of field trips with occasional laboratory exercises.

M., 1:00-5:00.

Mr. Weimer.

35. Vertebrate Zoology. (4 Hrs.) A study of the comparative anatomy of the representative forms of vertebrates. Laboratory study of the comparative anatomy of Amphioxus, shark, frog, and cat. Prerequisites, Biology 11-12. Required of all premedical students.

W., F., 9:00.

Laboratory T., Th., 8:00-10:00.

Mr. Weimer.

36. Invertebrate Zoology. (3 Hrs.) A survey of the invertebrate animals including phylogeny, morphology and economic importance. A laboratory study of the representative forms of invertebrates will be made. Prerequisites, Biology 11-12. Students desiring additional hours of credit may enroll for the same in Biology 39-40.

W., 9:00.

Laboratory T., Th., 8:00-10:00.

Mr. Weimer.

38. Histology. (3 Hrs.) A study of the structure of the cell and its modifications into the various tissues. Special attention will be paid to the theory and practice of general histology technique. Two laboratory periods per week and one lecture. Prerequisites, Biology 35. (Not offered 1924-1925.)

Hours to be arranged.

Mr. Weimer.

39-40. Comparative Anatomy. (1 or 2 Hrs.) A laboratory study of the comparative anatomy of the various vertebrate and invertebrate forms not studied in Biology 35

and 36. Prerequisites, either Biology 35 or Biology 36.
Hours to be arranged. Mr. Weimer.

42. Vertebrate Embryology. (4 Hrs.) A study of the nature and development of the germ cells, germ layers and the development of the tissues and organs in Vertebrates. Embryos of the chick, pig and man are studied in the laboratory. Two lectures and four hours laboratory a week. Prerequisite, Biology 35.

Two lecture hours to be arranged.

Laboratory M., 8-12.

Mr. Weimer.

CHEMISTRY.

11-12. An Introduction to General Chemistry. (4 Hrs.)

An elementary course specially intended for students who have had no previous work in the subject. A large part of the laboratory work of the second semester is elementary qualitative analysis.

Sec. I, T., Th., 8:00.

Laboratory W., F., 8:00-10:00.

Sec. II, T., Th., 2:30.

Laboratory W., F., 1:30-3:30.

Mr. Workman, Mr. ——— and Assistants.

13-14. General Chemistry and Qualitative Analysis. (4 Hrs.) A course intended for students who have done acceptable work in chemistry in a secondary school and offer a unit of it for college entrance. The laboratory work of the second semester consists of elementary qualitative analysis.

T., Th., 9:00.

Laboratory M., 8:00-12:00.

Mr. Workman, Mr. ——— and Assistants.

31. Qualitative Analysis. (3 Hrs.) A study of the principles and methods of qualitative analysis, according to the system of A. A. Noyes. Offered alternate years. Not offered in 1924-1925.

Mr. Workman.

33-34. Chemistry of Foods and Nutrition. (3 Hrs.) A course specially intended for students majoring in Home Economics. A study is made of the composition and nutritive value of foods, their preservation and adulteration. The laboratory consists of the qualitative and quantitative analysis of foods. Prerequisite, Chemistry 11-12 or 13-14. W., 10:30.

Laboratory Th., F., 10:30-12:30.

Mr. Workman.

41-42. Quantitative Analysis. (4 Hrs.) A course that deals with the fundamental principles of gravimetric and volumetric analysis. Open to students who have had one year of college chemistry.

W., 11:30.

Laboratory M., 8:00-12:00; T., 10:30-12:30.

Mr. Workman and Mr. _____.

53-54. Organic Chemistry. (4 Hrs.) A general course in the chemistry of aliphatic and aromatic compounds and their derivatives. Typical organic compounds are prepared in the laboratory. Prerequisites, Chemistry 11-12 or 13-14 and preferably 31, 41 and 42.

T., Th., 11:30.

Laboratory W., F., 10:30-12:30 and two more hours to be arranged.

Mr. _____

59-60. Physical Chemistry. (2 Hrs.) This is the usual theoretical course in the elements of physical chemistry. Prerequisites, Chemistry 11-12 or 13-14, 41-42 and one year of college physics.

T., Th., 9:00.

Mr. _____.

ECONOMICS

53-54. Principles of Economics. (3 Hrs.) General theories and illustrations of the more fundamental economic principles. Some modern problems in the second semester. Prerequisite, Sophomore rank.

T., W., F., 11:30.

Mr. Woolery.

71. Railroad Transportation. Not offered in 1924-1925.

72. Business Finance. Not offered in 1924-1925.

73. Labor Problems. (3 Hrs.) History of labor organization. Analysis of their problems, and their relations to other bodies, public and private. Prerequisite, Economics 53-54, or its equivalent.

W., Th., F., 2:30.

Mr. Woolery.

74. Public Finance. (3 Hrs.) Outlines of the fiscal affairs of nation, states, and cities. Tax reforms, as achieved and projected. Prerequisite, same as for Economics 73.

Mr. Woolery.

EDUCATION

41-42. History and Principles of Education. (3 Hrs.) The principles of education are discussed as they manifest themselves in relation to historical and national educational development.

T., W., F., 1:30.

Mr. Hunter.

71 or 72. Principles of Teaching in Secondary Schools. (4 Hrs.) A discussion of the underlying principles of method, lesson planning, preparation and presentation of lessons. Prerequisite, or taken with, Psychology 31.

First Semester—T., W., F., S., 8:00.

Second Semester—T., W., F., S., 9:00.

Mr. Hunter.

73 or 74. Teaching of High School English. (1 Hr.) The problems of selection, arrangement, and methods of presentation of subject matter.

First Semester—Th., 8:00.

Second Semester—Th., 9:00.

Mr. Hunter.

75 or 76. School Administration and Hygiene. (3 Hrs.) Areas of administration, centralization, textbooks and supplies, teaching staff, finance, course of study, grading, promotion, measurements, records, heating and ventilation of schoolhouses, and hygiene of the child.

First Semester—T., Th., S., 9:00.

Second Semester—T., Th., S., 8:00.

Mr. Hunter.

77 or 78. High School Management. (2 Hrs.) The Junior, Senior and Standard High Schools as to inception and development, aims, organization, curricula, schedules, teachers, extra-curricular activities, and relation and coordination of secondary education with elementary education. First Semester—W., F., 9:00.

Second Semester—W., F., 8:00.

Mr. Hunter.

81 or 82. Observation and Directed Teaching. (3 Hrs.) Open only to seniors whose academic and professional studies are of an approved standard. The teaching is done in the local high school. So far as possible, students will be allowed to observe and teach in the subjects in which they have elected majors and minors. Prerequisite, 15 hours in Education.

Hours to be arranged. Mr. Hunter and Mr. ———.

Teaching of Home Economics. (2 Hrs.) See course 71 in Home Economics department.

Teaching of History. (1 Hr.) See course 101-102 in History department.

Teaching of French. (1 Hr.) See course in French department.

Note:—All candidates for teachers' certificates should advise with the Head of the Department of Education at the beginning of their Sophomore year.

ENGLISH

A. Composition.

11-12. English Composition. (3 Hrs.) Frequent practice in writing, and a study of literature as models of structure and style.

T., Th., S., 9:00.

T., Th., S., 10:30.

T., Th., F., 2:30.

Miss Clayton.

53-54. Advanced Composition. (3 Hrs.) A course in practical composition, with a study of various types of newspaper and magazine writing. First semester: expository forms. Second semester: narration.

T., W., F., 11:30.

Miss Clayton.

Note: Course 53-54 is an elective and cannot be included in the twenty-four hours required for a major in English.

B. Literature

31-32. (3 Hrs.) A general survey of English literature from the age of Chaucer to the close of the nineteenth century.

T., Th., S., 9:00.

Mr. Bourne.

33-34. English. (1 Hr.) Greek and Roman mythology in English literature. No knowledge of the ancient language is required. The purpose of this course is to furnish the knowledge of Classical Mythology necessary for the interpretation of the English poets. Required of majors.

Th., 11:30.

Mr. Gay.

45. American Literature. (2 Hrs.) A study of the poets of America with special reference to the New England group, Sidney Lanier, Edgar A. Poe, and Whitman.

Th., S., 10:30.

Mrs. Bourne.

46. American Literature. (2 Hrs.) American prose writers—essayists and novelists.

Th., S., 10:30.

Mrs. Bourne.

57. English Drama. (3 Hrs.) A study of the drama from its origin in the liturgical play to the drama of the sixteenth century.

T., W., F., 11:30.

Mrs. Bourne.

58. English Drama. (3 Hrs.) The drama of the sixteenth century with special reference to Shakespere. Some

attention will be given to modern and contemporary drama.
T., W., F., 11:30. Mrs. Bourne.

73. English. (3 Hrs.) Prose writers of the nineteenth century—Macaulay, Carlyle, Ruskin, Arnold, and others. Prerequisite, Eng. 31-32.
T., W., F., 2:30. Mrs. Bourne.

74. English. (3 Hrs.) Poets of the nineteenth century with special reference to Tennyson and Browning. Some attention will be given to contemporary poets. Prerequisites, Eng. 31-32 and 73.
T., W., F., 2:30. Mrs. Bourne.

75. English. (3 Hrs.) The literature of the early Romantic Movement. Thompson, Cooper, Gray, Goldsmith, Burns, and others. Prerequisite, Eng. 31-32.
Mrs. Bourne.

76. English. (3 Hrs.) A study of the poetry of Wordsworth, Coleridge, Byron, Shelley, Keats. Prerequisite, Eng. 31-32 and 75.
Mrs. Bourne.

FRENCH

***11-12. Elementary Course.** (4 Hrs.) Grammar, reading, conversation, dictation.
Section 1, T., W., Th., F., 8:00. Miss Mahaffey,
Section 2, T., W., Th., F., 1:30. Miss Mercer.

31-32 Intermediate Course. (4 Hrs.) Grammar study and composition, special stress being laid on study of verb and pronoun; reading of 600-800 pages of prose; "Le Petit Journal". Prerequisite, 2 years of High School or one year of college French.
Section 1, T., W., Th., F., 11:30. Miss Mahaffey.
Section 2, T., W., Th., F., 1:30. Miss Mahaffey.

61-62. Nineteenth Century French Literature. (3 Hrs.) A study of the novel and drama of the nineteenth century.

Outside reading required. Composition and conversation.
(Not offered in 1924-25.)

T., Th., S., 10:30.

Miss Mahaffey.

71-72. Seventeenth Century French Literature. (3 Hrs.) A study of Corneille, Racine, Moliere and some of their contemporaries. Composition and conversation.

T., Th., S., 10:30.

Miss Mahaffey.

82. Teaching of French. (1 Hr.) A study of purpose and methods of teaching French in High Schools. Practice teaching. Open to seniors.

S., 9:00.

Miss Mahaffey.

GERMAN

***11-12. Elementary Course.** (4 Hrs.) Cognates, inflections, sentence structure, elementary syntax, reading, memorizing.

T., W., Th., S., 9:00.

Mr. ———.

31-32. Intermediate Course. (4 Hrs.) Review of forms, continued study of syntax, composition, dictation and memorizing.

T., W., Th., F., 11:30.

Mr. ———.

GEOLOGY

31. General Geology. (3 Hrs.) A study of the structure of the earth and the various dynamic agencies tending to change its surface. Excursions will be taken from time to time to illustrate the topic studied. Not offered in 1924-25.

T., Th., F., 11:30.

Mr. Weimer.

32. Historical Geology. (3 Hrs.) The history of earth as revealed by its strata. Laboratory and field study of the common fossils and local formations. Prerequisites, Geology 31 and at least High School Biology. Not offered in 1924-25.

T., Th., F., 11:30.

Mr. Weimer.

Note: The courses in Geology are elective and do not satisfy any of the sixteen hours of Science required for a degree.

GREEK

11-12. Elementary Greek. (4 Hrs.) A mastery of the essentials of Greek grammar, and the reading of a number of Greek stories. Prerequisite, one unit of preparatory Latin.

T., W., Th., F., 3:30.

Mr. Gay.

41-42. Iliad and Odyssey. (4 Hrs.) This course will include daily practice in sight-reading. Prerequisite, Greek 11-12.

T., W., Th., F., 1:30.

Mr. Gay.

51-52. Greek Dramatists. (4 Hrs.) Aeschylus' Prometheus Bound, Sophocles' Antigone and Euripides' Iphigenia in Tauris. Prerequisite, Greek 41-42. This course alternates with Greek 53-54.

T., W., Th., S., 9:00.

Mr. Gay.

53-54. Plato. (4 Hrs.) The Apology and Crito, and selections from all other important dialogues. Prerequisite, Greek 41-42. This course alternates with Greek 51-52. Not offered in 1924-1925.

T., W., Th., S., 9:00.

Mr. Gay.

81-82. Greek New Testament. (3 Hrs.) The Gospel of Luke., a portion of Acts, I and II Thessalonians, I and II Corinthians. Prerequisite, Greek 41-42.

T., W., F., 11:30.

Mr. Gay.

83-84. The History of Greek Culture. (3 Hrs.) Lectures, collateral reading and reports on various phases of Greek culture with special reference to the influence of Greek civilization on modern life. No knowledge of the Greek language is required. Open to Juniors and Seniors. Not offered in 1924-1925.

T., W., F., 11:30.

Mr. Gay.

. HISTORY

29. Ancient Times. (3 Hrs.) A survey of the history of the Orient, Greece and Rome, with special emphasis on the contributions which these people made to later civilization. Open to Freshmen.

W., F., S., 9:00.

Mr. Garrett.

30. Medieval Europe. (3 Hrs.) A survey of the founding of the barbarian kingdoms upon the ruins of the Roman Empire, tracing their evolution through the feudal age to the beginnings of the present national states of Europe.

W., F., S., 9:00.

Mr. Garrett.

33. Foundations of Modern Europe. (3 Hrs.) After a brief survey of the contributions of the Middle Ages, the course deals with the foundations of Modern Europe in the sixteenth century; dynastic and colonial rivalry in the seventeenth and eighteenth centuries; the old regime, the French Revolution and Napoleon. Prerequisite, Sophomore rank. Required for history major.

Sec. 1, T., W., F., 8:00.

Sec. II, T., W., F., 2:30.

Mr. Garrett.

34. Modern and Contemporary Europe. (3 Hrs.) Continuation of History 33, dealing with the work of the Congress of Vienna; the industrial revolution; the development of Italian and German unity; the Third French Republic; the rise of Russia; world imperialism and modern social problems. Stresses particularly contemporary world problems. Prerequisite, Sophomore rank. Required for history major.

Sec. 1, T., W., F., 8:00.

Sec. II, T., W., F., 2:30.

Mr. Garrett.

55. History of England and Greater Britain to 1763. (3 Hrs.) A survey of the political, social and economic development of England from the earliest times to the First British Empire at its height in 1763. Prerequisite, Sophomore rank.

T., W., F., 1:30.

Mr. Garrett.

56. Modern England and the British Commonwealth of Nations. (3 Hrs.) Deals with the disruption of the First British Empire, the rise of the Second British Empire and its transformation into the British Commonwealth of Nations. Also attempts to give an understanding of modern European problems through the discussion of industrialism, imperialism, world politics, and the British Commonwealth in the World War. Prerequisite, Sophomore rank.

T., W., F., 1:30.

Mr. Garrett.

57. The Near Eastern Question. (3 Hrs.) After a survey of the geographic, racial, and historical back-ground of the Near East, the course traces the development of the problem from the struggle for Grecian independence to the present time. Not offered in 1924-25.

T., W., F., 1:30.

Mr. Garrett.

58. Contemporary European Civilization. (3 Hrs.) A study of the problems of industrialism, nationalism, imperialism, international political and economic rivalry since the Franco-Prussian War. The course seeks to develop the fundamental causes of the Great War and an understanding of contemporary world problems. Prerequisites, 57 or six hours of history. Not offered in 1924-25.

T., W., F., 1:30.

Mr. Garrett.

71. The Renaissance and Reformation. (3 Hrs.) Deals with the Renaissance in Italy; the spread of Humanism; the origin, character, and results of Protestantism, the religious wars; and the Catholic Reformation. Prerequisites, 33-34. Not offered in 1924-25.

T., Th., S., 10:30.

Mr. Garrett.

72. The French Revolution. (3 Hrs.) A study of the broad, social, economic and religious aspects of the period, stressing particularly the conditions of the old regime; the permanent features of the Revolution, its effect on European nations, and the work of Napoleon. Prerequisites, 71 or its equivalent. Not offered in 1924-25.

T., Th., S., 10:30.

Mr. Garrett.

73-74. The Expansion of Europe. (3 Hrs.) A survey of the relationships established between Europe and Asia, Africa, Armenia and Oceania, from the later Middle Ages to the present time. Special emphasis upon the reciprocal influences growing out of the contact of Europe with the rest of the world.

T., Th., S., 10:30.

Mr. Garrett.

51-52. American History. (3 Hrs.) Political and social history of the American people from colonial establishment to 1870. Intended to connect with History 63. Prerequisite, Sophomore rank. Required for History major.

T., W., F., 1:30.

Mr. Woolery.

63. Recent American History. (3 Hrs.) From 1870 to the present. Political and economic. Intended to extend over that portion of national history not covered in History 51-52. Prerequisite, Sophomore rank.

T., Th., S., 9:00.

Mr. Woolery.

64. History of American Diplomacy. (3 Hrs.) The foundations, events, and principles of the international relations of the United States from 1775 to 1920. Prerequisite, History 52, or 63, or equivalent.

T., Th., S., 9:00.

Mr. Woolery.

101-102. Materials and Methods of Teaching History. (1 Hr.) The aims, methods, and materials of teaching history in secondary schools. Open to Juniors and Seniors who expect to teach the subject. A pre-seminar course. Hours to be arranged.

Mr. Garrett.

Mr. Woolery.

71. The Ancient Church. (3 Hrs.) The growth of the church from the second to the thirteenth century. Prerequisites, History 29-30 or 33-34.

T., W., S., 9:00.

Mr. Green.

72. The Reformation. (3 Hrs.) Careful attention will

be given to the development of the movements culminating in the Reformation. The Reformation in Germany, France and Switzerland will be studied. Prerequisites, History 29-30 or 33-34.

T., W., S., 9:00.

Mr. Green.

73. History of Missions. (3 Hrs.) Careful attention is given to the expansion of early Christianity; to the missionary movements of the Middle Ages; to the rise and growth of modern missionary movements. Open to Seniors or graduate students. Does not satisfy A.B. History requirement.

T., Th., F., 11:30.

Mr. Green.

74. History of the Disciples. (3 Hrs.) A thorough study will be made of the rise and development of the Restoration Movement. Open to Seniors and graduate students. Does not satisfy A.B. History requirement.

T., Th., F., 11:30.

Mr. Green.

HOME ECONOMICS

11-12. Home Cookery and Table Service. (3 Hrs.) A study of foods, principles governing their preparation, purpose in cooking, chemical composition, changes induced by temperature and fermentation. Planning, cooking and serving of meals, emphasizing efficient expenditure of time and money.

T., Th., 10:30-12:30.

Miss Acker.

15-16. Machine Sewing and Pattern Drafting. (3 Hrs.) Efficient sewing methods applied on wash materials. Drafting patterns and alterations of commercial patterns. Designing and making of wool and silk garments, clothing, etc.

W., F., 10:30-12:30.

Miss Acker.

17. Home Sanitation. (3 Hrs.) This subject deals with healthfulness of location, drainage and surroundings of a dwelling; heating, necessity of proper amount of sunlight, ventilation, overcrowding, disposal of household waste, pre-

ventable diseases. Chemistry 11-12 prerequisite or parallel.
T., Th., S., 9:00. Miss Acker.

20. Home Furnishing. (3 Hrs.) Planning and furnishing a small house at stipulated cost. Study of color combinations, effect of color and practical application in the home. Economical furnishing. Prerequisite, 17.
T., Th., S., 9:00. Miss Acker.

31-32. Problems in Food Preparation and Nutrition. (2 Hrs.) Prerequisite, Chemistry 11-12 or 13-14.
T., Th., 8:00. Miss Acker.

33. Dietetics. (2 Hrs.) A consideration of metabolism of food. The relation of food to health; influence of age, sex, occupation on diet. Planning of dietaries for adults and children. Prerequisite, 11-12.
W., S., 8:00. Miss Acker.

52. Textiles. (2 Hrs.) A study of textile fibres and fabrics of interest to the household; their character, cost, durability, adulteration. Prerequisite, 15-16.
W., S., 8:00. Miss Acker.

53. Home Care of the Sick and Care of Children. (2 Hrs.) A series of lectures and recitations dealing with the fundamental principles in home nursing. Care of children through infancy and childhood will form an important part of course.
W., F., 1:30. Miss Acker.

54. Food Production and Manufacture. (2 Hrs.) This course deals with the source, production and use of food products. Prerequisites, H. E. 11-12 and Chemistry 11-12 or 13-14.
W., F., 1:30. Miss Acker.

71. Special Methods. (2 Hrs.) The course includes methods in teaching cookery and methods in teaching Domestic Art. Practice teaching accompanies class room

work. Required of all majoring in Home Economics. Prerequisites, H. E. 11-12, H. E. 15-16, Chemistry 11-12 or 13-14. Open only to students majoring in Home Economics.

T., Th., 2:30.

Miss Acker.

72. Art Embroidery. (2 Hrs.) This course includes practice in various kinds of embroidery articles used on clothing or household linens. Four hours laboratory work a week. Prerequisites, H. E. 15-16.

T., Th., 1:30-3:30.

Miss Acker.

HOMILETICS

61. The Theory of Preaching. (2 Hrs.) The problems connected with the preparation and delivery of sermons will be carefully studied. At least one sermon will be preached and criticised.

W., F., 2:30.

Mr. Green.

62. Sermon Building. (2 Hrs.) Some of the great sermons will be studied and criticised. Outlines will be made and discussed. One sermon will be preached and criticised.

W., F., 2:30.

Mr. Green.

63. The Work of the Pastor. (2 Hrs.) Organization of forces on the local field. Church organization, finances, worship will be carefully considered.

T., Th., 2:30.

Mr. Green.

64. The Work of the Pastor. (2 Hrs.) Organization of the forces on the local field continued. Special attention will be given to Religious Education, Fellowship, Social Service and Evangelism.

T., Th., 2:30.

Mr. Green.

LATIN

***11-12. Elementary Latin.** (4 Hrs.) This course includes a mastery of the essentials of Latin grammar,

including forms and syntax, the reading of large portions of Caesar or its equivalent and considerable practice in Latin composition.

T., W., Th., F., 9:00.

Mr. Perry.

***13-14. Cicero's Orations.** (3 Hrs.) This course includes the reading of six or more orations of Cicero and continued drill in Latin composition. Prerequisite, Latin 11-12.

T., W., F., 11:30.

Mr. Perry.

***15-16. Vergil's Aeneid.** (3 Hrs.) The study of Vergil will be approached with a literary as well as a linguistic purpose. Ability to read the hexameter is expected of all who complete this course. Prerequisite, Latin 13-14.

T., W., F., 2:30.

Mr. Perry.

21. Cicero's De Amicitia and De Senectute. (3 Hrs.) Frequent reports will be required on topics relating to the times in which Cicero lived. Alternates with 31. Prerequisite, Latin 15-16.

T., Th., S., 8:00.

Mr. Perry.

22. Tacitus. (3 Hrs.) Germania and Agricola will be read with reports. Alternates with 32. Prerequisite, Latin 21 or 31.

T., Th., S., 8:00.

Mr. Perry.

31. Cicero's Letters. (3 Hrs.) A large number of letters will be read showing Cicero's tastes and relation to his personal and literary friends. Alternates with 21. Prerequisite, Latin 15-16.

Not offered in 1924-25.

Mr. Perry.

32. Horace. (3 Hrs.) This course will include the reading of Odes and Epodes with selections from the Satires. Alternates with 22. Prerequisites, Latin 21 or 31. Not offered in 1924-25.

Mr. Perry.

33-34. Roman Private Life. (1 Hr.) Prerequisites, Latin 15-16.

W., 8:00.

Mr. Perry.

51. Livy. (3 Hrs.) Large portions of Books XXI and XXII will be read with particular attention to Livy's qualities as an historian. Prerequisite, Latin 21 or 31.
Time to be arranged. Mr. Perry.

52. Plautus and Terence. (3 Hrs.) The *Menaechmi* of Plautus and *Phormio* of Terence will be read together with other plays, with frequent reports. Prerequisites, Latin 22 or 32.
Time to be arranged. Mr. Perry.

53-54. Latin Composition. (1 Hr.) This course is designed for students who expect to teach Latin. Prerequisite, Latin 15-16.
Time to be arranged. Mr. Perry.

LIBRARY SCIENCE

21-22. Library Science. (3 Hrs.) This course requires six hours' work in the library each week and consists of reference work, cataloging and classification of books, with lectures on book selection and library economy. The course will enable the student to organize and care for school and private libraries and will serve to prepare assistants for college library.
Hours to be arranged. Miss Kemp.

MATHEMATICS

11-12. Mathematical Analysis. (4 Hrs.) Related topics from Trigonometry, Algebra, Analytical Geometry and Calculus.
Sec. I—T., Th., F., S., 9:00. Mr. Cramblet.
Sec. II—T., W., Th., F., 11:30. Mr. Cook.

15. Mechanical Drawing. (3 Hrs.)
T., Th., F., 1:30-3:30. Mr. Cramblet.

16. Plane Surveying. (3 Hrs.)
T., Th., F., 1:30. Mr. Cramblet.

35. Projective Geometry. (2 Hrs.) Prerequisite, Math. 11-12.
W., F., 8:00. Mr. Cramblet.

36. Theory of Equations. (2 Hrs.) Prerequisite, Math. 11-12.
W., F., 8:00. Mr. Cramblet.

33-34. Differential and Integral Calculus. (3 Hrs.) Prerequisite, Math. 11-12.
T., Th., S., 8:00. Mr. Cramblet.

51-52. Theoretical Mechanics. (3 Hrs.) Not offered, 1924-25.

53-54. Advanced Calculus. (3 Hrs.)
Hours to be arranged. Mr. Cramblet.

MUSIC

Piano. The course of instruction consists of an Elementary Course and a Collegiate Course.

The Elementary Course covers the work from the first beginnings to the third grade inclusive, upon a basis of seven grades. It includes adequate performance of works of the difficulty of Czerny op. 299 Book I and the easier Mozart Sonatas. It should be completed by a pupil of average talent and with close application in three years.

Mrs. Moos.

The Collegiate Course is a continuation of the Elementary Course leading to the full mastery of the instrument as represented by the best classical and modern masters. With adequate preparation and fair natural endowment, it may be completed in four years.

Mr. Moos.

Organ. This course requires as prerequisite a Piano technique equivalent to the work completed in the first year of the Collegiate Course. Three years should give full command of the instrument for Church and Recital.

Mr. Moos.

Voice. The course in Voice, granted good natural voice endowment and adequate concentration on the pupil's part, can be completed in four years. It proceeds from scientific voice placement to the study of art songs and a comprehensive church and concert repertary. Mr. Moos.

MUSICAL THEORY

11-12. Beginning Harmony. (2 Hrs.) Intervals, Triads, Seventh Chords, Harmonizing, Melodies. Prerequisites, Elementary Piano Course; knowledge of major and minor keys. Hours to be arranged. Mr. Moos.

13-14. Musical Appreciation. (2 Hrs.) A course covering the structure, the historic and aesthetic significance of the main types of music, with particular stress upon worship music. Lectures and illustrations. A general course, requiring no technical preparation. Hours to be arranged. Mr. Moos.

31-32. Advanced Harmony. (2 Hrs.) Continuation of Course 11-12. Suspensions, Altered Chords, Modulation, Harmonizing Melodies continued and Harmonic Analysis. Hours to be arranged. Mr. Moos.

51. Musical History. (2 Hrs.) Historical Progress and Tendencies from ancient to modern times. Prerequisites, Elementary Piano Course and Course 11-12. May be taken during the Sophomore year. Hours to be arranged. Mr. Moos.

52. Musical Forms. (2 Hrs.) Structural principles of musical forms. Illustration and analysis of the typical forms. Prerequisites, First year of Collegiate Piano Course and Courses 11-12, 31-32 and 51. Hours to be arranged. Mr. Moos.

53-54. Counterpoint. (2 Hrs.) Single and double Counterpoint, writing of original inventions. Analysis of

polyphonic forms. Prerequisites, Second year of Collegiate Piano Course, Courses 11-12, 31-32, 51 and 52.

Hours to be arranged.

Mr. Moos.

33-34. Piano Teachers Training Course. (2 Hrs.) Pre-keyboard training of children, elementary piano training, lectures and practice teaching. Prerequisites, First year Collegiate Piano Course.

Hours to be arranged.

Mr. Moos.

55-56. Piano Teachers Training Course. (2 Hrs.) Continuation of Course 33-34. Teaching of adult beginners. Typical classroom problems. Teaching of ornamentation, phrasing interpretation, lectures and demonstrations. Prerequisites, Second Year Collegiate Piano Course.

Hours to be arranged.

Mr. Moos.

NEW TESTAMENT

13-14. New Testament History. (4 Hrs.) A survey course covering the New Testament. Applies on New Testament major.

T., W., Th., F., 10:30.

Mr. Carpenter.

53-54. English New Testament Exegesis. (4 Hrs.) A study of the Principles of Interpretation and the application of these principles to selected portions of the New Testament. Applies on New Testament major. Prerequisite, New Testament 13-14 or equivalent. (Alternates with New Testament 85-86.)

T., Th., F., S., 8:00.

Mr. Carpenter.

61-62. Advanced Course in Acts. (3 Hrs.) A critical investigation of the various problems arising out of the Book of Acts. Applies on New Testament major. Prerequisite, New Test. 13-14 and 53-54 or equivalent. (Alternates with New Test. 73-74.)

T., W., F., 9:00.

Mr. Carpenter.

73. New Testament Introduction. (3 Hrs.) A study

of the canon and text of the New Testament. Applies on New Testament major. Prescribed course. Prerequisites, same as for New Test. 61-62. (Alternates with New Test. 61. Not offered 1924-25.)

T., W., F., 9:00.

Mr. Carpenter.

74. New Testament Introduction. (3 Hrs.) A study of authorship, dates, credibility, and the more important critical problems of the New Testament books. Applies on New Testament major. Prescribed course. Prerequisites, same as for New Test. 61-62. (Alternates with New Testament 62. Not offered 1924-25.)

T., W., F., 9:00.

Mr. Carpenter.

85-86. Greek Exegesis. (3 Hrs.) A study in the synoptic gospels and other selected portions of the New Testament, read in conjunction with standard critical and Exegetical Commentaries. Applies on New Testament major. Prerequisite, 16 hrs. of credit in Greek. (Alternates with New Test. 53-54. Not offered 1924-25.)

T., Th., S., 8:00.

Mr. Carpenter.

75. The Jewish Back-ground of the New Testament. (2 Hrs.) The social, economic, political, religious life of Judaism in the time of Jesus will be studied. Some of the contemporaneous literature will be read and evaluated. May be used toward New Testament major.

W., F., 10:30.

Mr. Green.

76. The Hellenistic Back-ground of the New Testament. (2 Hrs.) The student will be introduced to the social, economic, religious, philosophical Graeco-Roman world. May be used toward a New Testament major.

W., F., 10:30.

Mr. Green.

61. Biblical Doctrine. (3 Hrs.) A thorough study will be made of the great doctrines of the church. The Doctrine of God, Sin and Salvation will be presented in this semester. Open to seniors or graduate students. May be used for New Testament major.

W., F., S., 8:00.

Mr. Green.

62. Biblical Doctrine. (3 Hrs.) A continuation of 61. The doctrines of the atonement, the Lord's Supper, the Holy Spirit will be studied. Open to seniors or graduate students. May be used for New Testament major.

W., F., S., 8:00.

Mr. Green.

OLD TESTAMENT

11-12. History. (4 Hrs.) What the English Bible has to say concerning the world in general and the people descended from Abraham until the establishment of the Hebrew Kingdom. Covers Pentateuch, Joshua, Judges, Ruth, and Job. Not offered in 1924-25.

Mr. Calhoun.

31-32. History. (4 Hrs.) The history from the establishment of the kingdom under Saul to the end of the history as contained in the Protestant English Bible. The prophets of Israel are placed historically and the setting of each one's message is considered. Covers Samuel, Kings, Chronicles, Ezra, Nehemiah, and Esther.

T., W., Th., F., 11:30.

Mr. Calhoun.

51-52. Literature. (2 Hrs.) This course is devoted to a study of the legal and poetical literature found in the Old Testament.

W., F., 8:00.

Mr. Calhoun.

53-54. Concomitata. (3 Hrs.) This course covers those subjects which, while not in the Old Testament, should go with it, furnishing a proper background for all other Old Testament courses. It includes Biblical geography, history contemporaneous to the Old Testament and intermediate between the Old Testament and the New.

T., W., F., 8:00.

Mrs. Calhoun.

55-56. Literature. (2 Hrs.) This course offers a study of the prophetic and apocryphal literature of the Old Testament. Alternates with 51-52.

T., Th., 8:00.

Mr. Calhoun.

81-82. The Hebrew Language. (4 Hrs.) This course is intended to give the student such a knowledge of Hebrew as to enable him to prosecute its further study without the aid of a teacher should he so desire. Not offered in 1924-25.

Mr. Calhoun.

85-86. Introduction. (2 Hrs.) This course is devoted to a study of the text, canon, and inspiration of the Old Testament and of such other subjects as properly fall within its limits.

T., Th., 1:30-3:30.

Mr. Calhoun.

87-88. Hebrew Literature. (2 Hrs.) Covers as fully as possible the different types of literature in the Hebrew Bible. A knowledge of the laws for the analysis and combination of all current forms is stressed. Prerequisite, 81-82. Hebrew Language.

W., F., 1:30-3:30.

Mr. Calhoun.

- PHILOSOPHY

53-54. History of Philosophy. (3 Hrs.) A study of the growth of philosophic thought in the Greek, Roman, mediaeval, and modern periods, considered in its relation to the development of science and to social, political, and religious conditions. The solutions of the various problems of life offered by the world's great thinkers are made the basis of a discussion of our present-day problems in the scientific, social, political, educational, moral and religious fields. Offered in alternate years with Phil. 55-56.

T., W., F., 10:30.

Mr. Leitch.

55-56. Ethics. (3 Hrs.) A study of the nature, origin, and development of moral ideas; a criticism of the more important ideals of conduct, with readings in the greater ethical systems—Plato, Aristotle, Stoicism, Buddhism, Christianity, Kant, Royce, etc.; a discussion of the practical moral problems of individual and social life. Offered in alternate years with Phil. 53-54. Not offered 1924-25.

Mr. Leitch.

PSYCHOLOGY

31-32. General Psychology. (3 Hrs.) A general introductory course dealing with the methods and fields of Psychology, the nature and development of mental life and conduct in their biological and physiological relations, with a special study of various phases such as sensation, perception, attention, memory, habit, etc. The practical importance of Psychology in law, medicine, education, religion, business, industry, etc. Text-book, readings, lectures and discussions, laboratory exercises.

Section I. T., Th., S., 9:00.

Section II. T., W., F., 11:30.

Mr. Leitch.

51. Educational Psychology. (3 Hrs.) A study of the nature and laws of learning; original nature as conditioning learning; the amount, rate, limit, permanence, and conditions of improvement; transfer of training; mental fatigue; individual differences.

T., Th., S., 8:00.

Mr. Leitch.

52. Mental Measurements. (3 Hrs.) A systematic study of the more important tests and scales for the measurement of mental capacity, with special reference to the principles involved in their construction and use, their validity, and their practical value. Revisions of the Binet scale, the Pintner Performance Scale, etc., various group intelligence scales, will be studied in detail and applied.

T., Th., S., 8:00.

Mr. Leitch.

53. Experimental Psychology. (3 Hrs.) A laboratory course in which the student carries on for himself a series of typical psychological experiments in sensation, perception, attention, learning, memory, etc. One hour lecture and four hours laboratory. Alternating with Psychology 55. Not offered in 1924-25.

Mr. Leitch.

54. Applied Psychology. (3 Hrs.) The application of psychological principles to the practical problems of law, medicine, business, industry, personal efficiency, vocational

guidance, etc. Alternating with Psychology 56. Not offered in 1924-25. Mr. Leitch.

55. Social Psychology. (3 Hrs.) A systematic study of the nature and causes of human social behavior. Alternating with Psychology 53.
T., W., F., 2:30. Mr. Leitch.

56. Abnormal Psychology. (3 Hrs.) A study of abnormal phases of personality and comparison with the normal. Feeble-mindedness, the psychoneuroses, and various forms of insanity. Abnormal traits in every-day life. Alternating with Psychology 54.
T., W., F., 2:30. Mr. Leitch.

PHYSICS

31. General Physics. Mechanics, Sound, and Light. (5 Hrs.) This course together with course 32 covers the usual college course in general physics. Open to all students. Mathematics 11-12 should precede or accompany this course.
Lectures and Recitations M., W., F., 2:30.
Laboratory T., Th., 1:30-3:30. Mr. Cook.

32. General Physics. Heat, Electricity, and Magnetism. (5 Hrs.) A companion course to Physics 31. Should be preceded by Physics 31. Hours and prerequisites same as in Physics 31. Mr. Cook.

51. Mechanics and Heat. (4 Hrs.) Prerequisites, Physics 31-32, and Mathematics 33-34.
Lectures and Recitations T., Th., 9:00.
Laboratory M. W., 8-10. Mr. Cook.

52. Light. (4 Hrs.) Prerequisites, Physics 31-32, and Mathematics 33-34.
Lectures and Recitations T., Th., 9:00.
Laboratory M. W., 8-10. Mr. Cook.

PHYSICAL EDUCATION**A. For Women**

11-12. Physical Education. (1 Hr.) An elementary course in gymnasium work which includes simple practices in tactics, Swedish exercises, games, and corrective work. This work is required of all Freshmen unless excused by reason of physical inability.

W., F., 9:00-10:30.

Mr. Latto.

31-32. Physical Education. (1 Hr.) A continuation of the work of the first year with advanced work in exercises and indoor games. Prerequisites, Physical Education 11-12. This is required of all Sophomores unless excused by reason of physical inability.

W., F., 1:30-2:30.

Mr. Latto.

Swimming. College women have the use of the pool on Monday, Wednesday, Friday, and Saturday.

Hours to be arranged.

Mr. Latto.

B. For Men

13-14. Physical Education. (1 Hr.) This course is designed to exercise and develop the body. Setting-up exercises, mat-work, indoor games, swimming, and all sports in season. Men who work a full season on the football squad are excused with credit for the work of the second semester.

T., Th., 10:30-1:30-2:30.

Mr. Latto.

33-34. Physical Education. (1 Hr.) A continuation of the work of the first year. Prerequisites, Physical Education 13-14.

T., Th., 10:30-1:30-2:30.

Mr. Latto.

Student athletic managers and their assistants are excused from physical education with credit during the season in which they are working.

POLITICAL SCIENCE

75. American Government. (3 Hrs.) The constitutional forms and the functions of the government of the United States. Comparisons with European governments. Open to Juniors and Seniors.
T., Th., S., 8:00. Mr. Woolery.

76. Constitutional Law of the United States. Not offered in 1924-25.

77. Comparative Government. Not offered in 1924-25.

78. International Law. (3 Hrs.) Case system approach to the rules usually observed in international relations. Open to Juniors and Seniors.
T., Th., S., 8:00. Mr. Woolery.

PUBLIC SPEAKING

31-32. Fundamentals. (3 Hrs.) This course gives thorough training in the general principles of the science and art of expression. It lays the foundation for all the other courses in this department. Prerequisite, English 11-12.
T., W., F., 1:30. Mrs. Calhoun.

33-34. Public Speaking. (2 Hrs.) The preparation and delivery of speeches for all occasions. The structure and composition of the various kinds of speeches is studied and a thorough drill in their delivery is given.
T., Th., 9:00. Mr. Calhoun.

35-36. Debating. (2 Hrs.) The science and art of discussion and debate are taught. This course is prerequisite for participation in intercollegiate debating.
W., F., 9:00. Mr. Calhoun.

37-38. Dramatics. (3 Hrs.) This course offers train-

ing in dramatic art. It comprehends a study of the structure and composition of the various classes of plays and it gives training in presenting them.

T., W., F., 2:30.

Mrs. Calhoun.

39-40. Public Reading. (3 Hrs.) This course gives training in the preparation and presentation of all kinds of public readings; such as recitations, declamations, monologues, pianologues, impersonations, etc.

T., W., F., 9:00.

Mrs. Calhoun.

41-42. Bible and Hymn Reading. (3 Hrs.) The selection, preparation, and presentation of Bible readings and hymns for all occasions. Thorough training in platform and pulpit decorum.

T., W., F., 10:30.

Mrs. Calhoun.

43-44. Hymnology. (1 Hr.) A course teaching the principles of vocal music, enabling those who take it to lead singing, direct choirs, and supervise special music. It includes training in the structure and composition of all kinds of songs and hymns.

Th., 10:30.

Mr. Calhoun.

RELIGIOUS EDUCATION

(Herbert Moninger Foundation of Bible School Pedagogy)

35. History of Religious Education. (2 Hrs.) A historical study of the development of educational practice and theory in primitive society and within organized Christianity. Modern tendencies and movements. History of the Sunday School from its genesis to the present time.

T., Th., 10:30.

Mr. Miller.

36. Organization and Administration. (2 Hrs.) Organization and work of the church school, church vacation school, week-day religious school, community school of religious education. A unified system of religious education correlated with other educational agencies of the

community. A practical organization for young people.
T., Th., 10:30. Mr. Miller.

37. Methods of Religious Education. (2 Hrs.) Fundamentals of the learning process. Various theories of method. Class methods and management, class organization, expressional activities, teacher training, handwork, etc. Story-telling principles, sources, adaptation and practice in telling. Alternates with 35.
W., F., 10:30. Mr. Miller.

38. Materials of Religious Education. (2 Hrs.) Principles underlying the selection and preparation of lesson material. Critical analysis of graded and other curricula. Selection and preparation of Bible material. Construction of a section of new curriculum by the student. Alternates with 36.
W., F., 10:30. Mr. Miller.

55. Theory of Religious Education. (3 Hrs.) Fundamental principles, biological, psychological and sociological factors. Functions of the family, the church and the school. Prerequisite, or taken with, Psychology 31-32. Not offered in 1924-25.
T., Th., S., 8:00. Mr. Miller.

56. Educational Evangelism and Worship. (3 Hrs.) A critical examination of both the traditional and the educational method of evangelism. Application of scientific principles of education to the teaching of religion. Educational aspects of worship from the genetic point of view. Function of worship in a religious educational system. Prerequisite, or taken with, Psychology 31-32. Not offered in 1924-25.
T., Th., S., 8:00. Mr. Miller.

57. Psychological Principles of Childhood and Adolescence. (3 Hrs.) A study of the facts of mental development throughout childhood and adolescence with special reference to the problem of moral and religious education.

Prerequisite, or taken with, Psychology 31-32.

T., Th., S., 8:00.

Mr. Miller.

58. Training for Leadership. (3 Hrs.) Principles underlying group organization and leadership. Discussion groups, Boy Scouts, Girl Scouts and Campfire Girls, clubs, organized classes, adult leadership in rural and community life. Prerequisite, or taken with, Psychology 31-32.

T., Th., S., 8:00.

Mr. Miller.

The Social Teaching of Jesus. (2 Hrs. each semester.)
See Department of Sociology, Course 57-58.

SOCIOLOGY

51-52. Principles of Sociology. (3 Hrs.) Introductory course to acquaint students with fundamental principles of society and social development.

T., W., F., 11:30.

Mr. Miller.

53. Educational Sociology. (3 Hrs.) Sociological principles underlying the educational task. Validity of educational traditions and customs. Discussion of the problems of educational values and objectives. Of especial interest to teachers. Not offered in 1924-25.

Mr. Miller.

54. Rural Sociology. (3 Hrs.) Social, economic, religious and educational conditions in rural communities. Intensive study of rural school and rural church. Constructive and remedial forces. Not offered in 1924-25.

Mr. Miller.

55. Poverty. (3 Hrs.) A study of causes with an analysis of preventive forces and remedial agencies. Principles and methods of practical philanthropy.

T., Th., F., 2:30.

Mr. Miller.

56. Crime. (3 Hrs.) Nature of Crime. Treatment of the criminal. Evaluation of present remedial systems. Critical analysis of best corrective agencies.

T., Th., F., 2:30.

Mr. Miller.

57-58. The Social Teaching of Jesus. (2 Hrs.) Introductory discussion of the social teaching of the prophets. Background of Jewish religious conceptions. Conditions and structure of society in time of Christ. Vital elements in Jesus' teaching. His teaching as related to conditions and problems which modern society presents.
T., F., 9:00. Mr. Miller.

SPANISH

***11-12. Elementary Course.** (4 Hrs.) Pronunciation, inflections, elementary syntax, dictation, memorizing. Preparation aloud is obligatory.
T., W., Th., F., 8:00. Mr. ———.

31-32. Intermediate Course. (4 Hrs.) Syntax, composition, dictation, conversation, reading, translation, memorizing, outside reading.
T., W., Th., F., 10:30. Mr. ———.

34. Composition and Conversation. (2 Hrs.) Open only after consulting instructor.
M., Th., 2:30. Mr. ———.

51. Modern Dramatists. (3 Hrs.) Reading, composition, memorizing, outside reading.
M., Th., F., 1:30. Mr. ———.

52. Classic Authors. (3 Hrs.) Reading, composition, memorizing, outside reading.
M., Th., F., 1:30. Mr. ———.

REGISTER OF STUDENTS, 1923-24

Seniors

Adkins, Roy	Decatur, Ill.
Baker, Sara	Mannington, W. Va.
Bates, Thelma	Parkersburg, W. Va.
Boyadjis, Athanasius	Ezine of Asia Minor
Cannon, Sara Mary	Mt. Vernon, Ohio
Carpenter, Glenn	Lorain, Ohio
Cook, Xantha Adelaide	Fredericktown, Ohio
D'Aliberti, Alfred	Steubenville, Ohio
Dornbush, Frank	Steubenville, Ohio
Farabee, Florence M.	Washington, Pa.
Fitzgerald, Emmett	Parkersburg, W. Va.
Gepford, Sidney	Decatur, Ill.
Gillette, Rosemary	Bridgeport, Ohio
Goehring, Henry G.	West Newton, Pa.
Hall, Florence J.	Steubenville, Ohio
Hamilton, Lawrence A.	Harristown, Ill.
Hart, Donovan	St. Clairsville, Ohio
Heaslett, Minnie E.	Hollidays Cove, W. Va.
Hurl, Robert D.	Follansbee, W. Va.
Hutchinson, Martha E.	W. Huntington, W. Va.
Jaras, Estanis A.	Washington, Pa.
Kelley, Arlan S.	Parkersburg, W. Va.
Kendle, Ernest F.	Paden City, W. Va.
Kendle, Ferdinand L.	Paden City, W. Va.
Lankler, Ralph C.	Buffalo, N. Y.
Ligon, Mary Hardy	Hickman, Ky.
Love, Francis J.	Cadiz, Ohio
Love, Mary E.	Cadiz, Ohio
Massey, George	Carrollton, Ohio
Metze, Frederic	Lowell, Ohio
Miller, Mary Jane	Bethany, W. Va.
Morris, Hariette	Shelby, Ohio
Mulkin, Clarence	Bethany, W. Va.
Murray, Stephen	Philadelphia, Pa.
McDermott, Irene	Pittsburgh, Pa.
McKinnis, Ruth	Stockton, Kans.
Negron, Bernardo	Bayamon, Porto Rico
Reed, Kenneth	Elmore, Ohio
Ross, Verla	Taylorstown, Pa.
Sheets, David E.	Pittsburgh, Pa.
Shipley, Maynard	Bethany, W. Va.
Slee, Martha	Philipsburg, Pa.
Stauffer, Elbert M.	Wooster, Ohio
Stevenson, L. B.	Bethany, W. Va.
Turnbull, William	Paterson, N. J.

Ulrich, Evelyn	Wheeling, W. Va.
Warren, Julia	St. Louis, Mo.
Wells, Edwin S.	Ashland, Ohio
Wilfley, Katherine	Washington, D. C.
Wilhelm, Allan R.	Cameron, W. Va.
Wolford, Ray	Bethany, W. Va.
Wolford, Mrs. Emily	Bethany, W. Va.
Zook, Earl	Peoria, Ill.

Juniors

Adams, John N.	Perryopolis, Pa.
Bebout, Charline	Mt. Vernon, Ohio
Bennett, Olis E.	Bethany, W. Va.
Brown, Arthur A.	Dickerson Run, Pa.
Calhoun, Margaret	Bethany, W. Va.
Crew, Jeannette	Dayton, Ohio
Darsie, George J.	Cynthiana, Ky.
Davis, Dorothy B.	N. Milwaukee, Wis.
Deemer, Ednah M.	New Castle, Del.
Elliott, George M.	New Castle, Del.
Hall, Charles Alvin	Wellsburg, W. Va.
Hess, Harry	Bellbrook, Ohio
Hufford, Olive	Eighty Four, Pa.
Hunter, Margaret	Rochester, Pa.
Idleman, Harold	New York City
La Porte, Daniel I.	Adelaide, Pa.
Levings, Fanny P.	Romney, W. Va.
Luce, Jane	Belle Vernon, Pa.
Marling, Maurice	Bellaire, Ohio
Miller, Edwin	Bethany, W. Va.
Murray, Joseph L.	Philadelphia, Pa.
McCluer, Marjorie	R. D., Dayton, Ohio
McCollam, Mildred E.	Uhrichsville, Ohio
McGuire, Hugh Maxwell	Bowling Green, Ohio
MacWherter, W. K.	Decatur, Ill.
Patterson, Carl J.	Bethany, W. Va.
Patterson, Lawrence	E. Palestine, Ohio
Pour, Joseph R.	Cleveland, Ohio
Ray, Mary Lillian	Washington, Pa.
Shoemaker, Charles H.	Oskaloosa, Iowa
Smith, Harold S.	Wheeling, W. Va.
Snyder, Helen G.	Steubenville, Ohio
Springer, Lois	Crooksville, Ohio
Sumpstine, Wilbur	Somerset, Pa.
Townsend, Byron	E. Cleveland, Ohio
Turley, Hollis	Edon, Ohio
Turner, Virginia	Cleveland, Ohio
Vilea, Apolonia	Dubuque, Iowa

Ward, Normal	Huntington, W. Va.
Wells, Noel	Bethany, W. Va.
Wheaton, Harry	Wheeling, W. Va.
Whitehead, Ralph	Wellsburg, W. Va.

Sophomores

Adams, Vina	Corbin, Ky.
Allen, Paul	Monrovia, Cal.
Baker, Marian L.	Mannington, W. Va.
Beighley, Marian	Connellsville, Pa.
Bennett, Fannie	Bethany, W. Va.
Blair, John C.	Perryopolis, Pa.
Bloomfield, Louise	Wheeling, W. Va.
Buck, Ross W.	Pittsburgh, Pa.
Burdette, Lela I.	Dennison, Ohio
Burns, Nelson	Indianola, Iowa
Carle, Girton H.	Athens, Pa.
Cashman, Donald	Wilmington, Ohio
Clark, Charles G.	Hooversville, Pa.
Conard, Sheldon	Kendallville, Ind.
Corley, Paul K.	Bethany, W. Va.
Counselman, Ruth	Wellsburg, W. Va.
Craig, Gladys C.	Follansbee, W. Va.
Cranfill, Leslie W.	Fort Worth, Tex.
Crawford, Ronald E.	E. Liverpool, Ohio
Currence, Eugene W.	Tiffin, Ohio
Darsie, Dorothy E.	W. Homestead, Pa.
Devitt, Allen Henry	Hopedale, Ohio
Dodd, James Overton	New Philadelphia, Ohio
Duffy, Albert Leo	Wheeling, W. Va.
Farabee, Grace Carolyn	Washington, Pa.
Fogle, Maurice	Barberton, Ohio
Fordyce, Howard	Rogersville, Pa.
Gardner, Fred I.	Eaton, Ohio
Gehring, Clyde	Wellston, Ohio
Hamill, Donald E.	Wheeling, W. Va.
Harsh, Conley	Harlem Springs, Ohio
Hayden, Ruth	Uniontown, Pa.
Hedden, Owen S.	Fairhope, Ala.
Helphrey, Daniel	Utica, Ohio
Hemington, David	Uniontown, Pa.
Hibler, Francis	Warren, Ohio
Hill, William R.	New Castle, Pa.
Hueston, Howard A.	Sherman, Conn.
Kane, Beatrice	Crooksville, Ohio
Lidderdale, Joseph	Santa Cruz, Cal.
Loppacker, Everett	Bloomfield, N. J.
Mackey, Melvin	Woodruff, W. Va.

Madden, Matthew	Rayland, Ohio
Manning, Anna	Cameron, W. Va.
Mayer, Emil	E. Liverpool, Ohio
Miller, Fred	Cameron, W. Va.
Morris, Dorothy V.	Hollidays Cove, W. Va.
Myers, Mildred	Pine Grove, W. Va.
Nations, Karl M.	Washington, D. C.
Newman, Delora	New Martinsville, W. Va.
Patterson, Robert Lee	Wellsburg, W. Va.
Pendleton, Cassil	Eustis, Fla.
Riggs, Theodosia	Cameron, W. Va.
Roark, George	Altavista, Va.
Rodefer, Elizabeth	Shadyside, Ohio
Russell, John	Pine Bluff, Ark.
Sala, John Robert	Buffalo, N. Y.
Saler, Bayard W.	Greensburg, Pa.
Sayre, Inez	Wheeling, W. Va.
Schaefer, Paul	Kenmore, Ohio
Schell, Donald	Ambridge, Pa.
Schwinger, Mrs. Pearl	Bethany, W. Va.
Scott, Hazel I.	Connersville, Ind.
Stimmel, Benjamin	Port Royal, Pa.
Swallow, Caroline	Middleport, Ohio
Tarr, Geneva	Brilliant, Ohio
Terrill, Clarence	Takoma Park, Md.
Trautman, Lillian	Wheeling, W. Va.
Walther, Fletcher	Bethany, W. Va.
Ward, Donald	Clarksburg, W. Va.
Warren, Edgar	St. Louis Mo.
Welling, Edna	West Alexander, Pa.
Wharton, Eleanor	Wellsburg, W. Va.
White, Lois	Lancaster, Ohio
Wisely, Gertrude	Findlay, Ohio
Yocum, Katherine	Steubenville, Ohio
Yoho, Dee	Huntington, W. Va.

Freshmen

Alleman, Emma Belle	New Cumberland, W. Va.
Arnold, Eugene R.	Romney, W. Va.
Bachman, George W.	Mifflintown, Pa.
Baird, Paul H.	Crafton, Pa.
Bane, Eustace	Uniontown, Pa.
Barlow, Earl W.	E. Cleveland, Ohio
Barr, Ronald Erwin	Wellsburg, W. Va.
Beighly, Eleanor	Connellsville, Pa.
Beight, Kenneth	E. Palestine, Ohio
Berger, Margaret Mae	Connellsville, Pa.
Berghoff, Archibald	Wellsburg, W. Va.

Burns, Harry	Indianola, Iowa
Calderwood, John A.	Wellsburg, W. Va.
Canan, Edwin	Rigby P. O., Pa.
Carey, Alfred M.	Follansbee, W. Va.
Carpenter, Josephine	Bethany, W. Va.
Carter, Charles	Toronto, Ohio
Chambers, Mabel	Bethany, W. Va.
Clark, Charles P.	Wellsburg, W. Va.
Clarke, J. Lee	New Castle, Pa.
Cooper, Mary B.	Crooksville, Ohio
Cooper, Sara Frances	Wellsburg, W. Va.
Cornish, Thelma	Uniontown, Pa.
Cotton, Helen Mae	New Castle, Pa.
Crawford, Norman	Cleveland, Ohio
Crissinger, Jesse	New Cumberland, W. Va.
Crom, Joseph E.	Dillonvale, Ohio
Dallas, Howard A.	Steubenville, Ohio
Dennis, Grace E.	Tarentum, Pa.
Dooley, Allen E.	Plymouth, Pa.
Dooley, Emilie	Kingston, Pa.
Dungan, D. Rickard	Wilkesbarre, Pa.
Eisaman, Edward	Greensburg, Pa.
Eldridge, Charles	Forty Fort, Pa.
Engstrom, Arthur	West Duluth, Minn.
Fizer, Claro	Huntington, W. Va.
Galley, Allen	Dickerson Run, Pa.
Gardner, Fay Alpha	Eaton, Ohio
Griffith, Dora B.	East Liverpool, Ohio
Hahn, Elizabeth V.	New Cumberland, W. Va.
Hamill, Carl R.	Wheeling, W. Va.
Hammill, Wm. James	New Castle, Pa.
Hanna, Gordon	Pittsburgh, Pa.
Harrison, John Virgil	Flushing, L. I., N. Y.
Hartman, Charles Kennedy	McDonald, Pa.
Hasbrouck, Mary Esther	Barnesville, Ohio
Hayden, Glenn	Uniontown, Pa.
Hazard, Bliss	Caldwell, Ohio
Hemington, Ruth	Uniontown, Pa.
Herrman, Sam	Dayton, Ohio
Hobbs, Knowles	Chester, W. Va.
Hobbs, Laura Mary	Miami, Fla.
Hibbard, Frank	Milledgeville, Pa.
Houston, William O.	St. Clairsville, Ohio
Huddleston, Helen	Beckley, W. Va.
Hukill, Ruthella	Brilliant, Ohio
Jackson, Elmer L.	Follansbee, W. Va.
Jamison, Mary J.	Washington, Pa.
Johnson, Thelma E.	Lansing, Mich.
Johnson, Thorley	Cleveland, Ohio

Jones, Emily K.	Warwood, W. Va.
Jones, Shella	Bowling Green, Ohio
Kemp, Edward L.	McKeesport, Pa.
Kinsey, Earl	Uhrichsville, Ohio
Kirby, George W.	Buffalo, N. Y.
Kirkpatrick, Forrest	Shelby, Ohio
Lewis, Elmer C.	Homestead, Pa.
Ligon, Ruth	Hickman, Ky.
Loer, Oliver K.	Clarksville, Pa.
Lowry, Mary Frances	Crooksville, Ohio
Luce, Ralph W.	Belle Vernon, Pa.
Mackey, Howard	Vanceburg, Ky.
Maffett, Joseph	Carrollton, Ohio
Mahan, Byron	Washington, Pa.
Mahan, Wade	Washington, Pa.
Manley, Dorothy	Crafton, Pa.
Martin, Victor	Romney, W. Va.
Miller, Louise	Bethany, W. Va.
Miller, Ruth E.	South Brownsville, Pa.
Mohney, Celia C.	Ridgway, Pa.
Moninger, Wilma	Washington, Pa.
Moreland, Edward	Buffalo, N. Y.
Mykrantz, Harriette E.	Ramona, Calif.
McCord, Karl L.	Wellsburg, W. Va.
McCracken, Grace E.	Wellsburg, W. Va.
McLain, Raymond	Lancaster, Ohio
MacLean, Warren O.	Pittsburgh, Pa.
Neel, Paul	Mingo Junction, Ohio
Olsey, Theodore J.	Buffalo, N. Y.
O'Roke, Dorothy E.	Hyndman, Pa.
Pack, John Paul	Beckley, W. Va.
Pannabaker, Howard	Shelby, Ohio
Patton, Herman M.	New Castle, Pa.
Peairs, Hazel	Mt. Vernon, Ohio
Phelps, Harold R.	Rigby, Pa.
Prichard, Theodore	Leisenring, Pa.
Reager, Aldalyn	East Liverpool, Ohio
Robinson, William H.	Milford, Del.
Rosenberg, Eleanor	Wheeling, W. Va.
Rust, Gladys L.	Courtland, Ind.
Ryan, Edward A.	Bethany, W. Va.
Salmon, Donald M.	Buffalo, N. Y.
Schenck, Robert C.	Connellsville, Pa.
Scott, Reynolds G.	St. Louis, Mo.
Seaton, Baxter C.	Romney, W. Va.
Shafer, Harold R.	New Castle, Pa.
Shives, John Chauncey	Republic, Pa.
Sliter, Willis	Madison, Wis.
Stewart, Sarah E.	Mt. Victory, Ohio

Stoneburner, Karl	Akron, Ohio
Stuck, Frank	Washington, Pa.
Summers, William W.	Huntington, W. Va.
Tarr, Frank	Toronto, Ohio
Taylor, George	Clyde, Ohio
Thayer, Melvin	New Cumberland, W. Va.
Thompson, Ursula	Lima, Ohio
Tuck, Shelda	Tonawanda, N. Y.
VanBeneden, Floyd	Dillonvale, Ohio
Wainwright, Leta	Elmore, Ohio
Washburn, Josephine	Rensselaer, Ind.
Welch, Raymond	Slovan, Pa.
West, Henry H.	St. Clairsville, Ohio
White, Adele	Memphis, Tenn
Whitney, Mary Jean	Parkersburg, W. Va.
Williams, Arthur	Martins Ferry, Ohio
Workman, Lucile M.	Bethany, W. Va.
Wright, Fred	Nelsonville, Ohio
Young, W. Albertis	Barberton, Ohio

Specials

Burrows, J. W.	Cheltenham, Eng.
Coniff, Chas. J.	Wheeling, W. Va.
Goe, Clayton	Vanderbilt, Pa.
Jenkins, Zella	Carnegie, Pa.
Kellum, Marshall A.	Norfolk, Va.
Neilson, David	Bethany, W. Va.
Spivey, V. J.	Norfolk, Va.
Sutton, Lola Miksch	Bethany, W. Va.

Summary

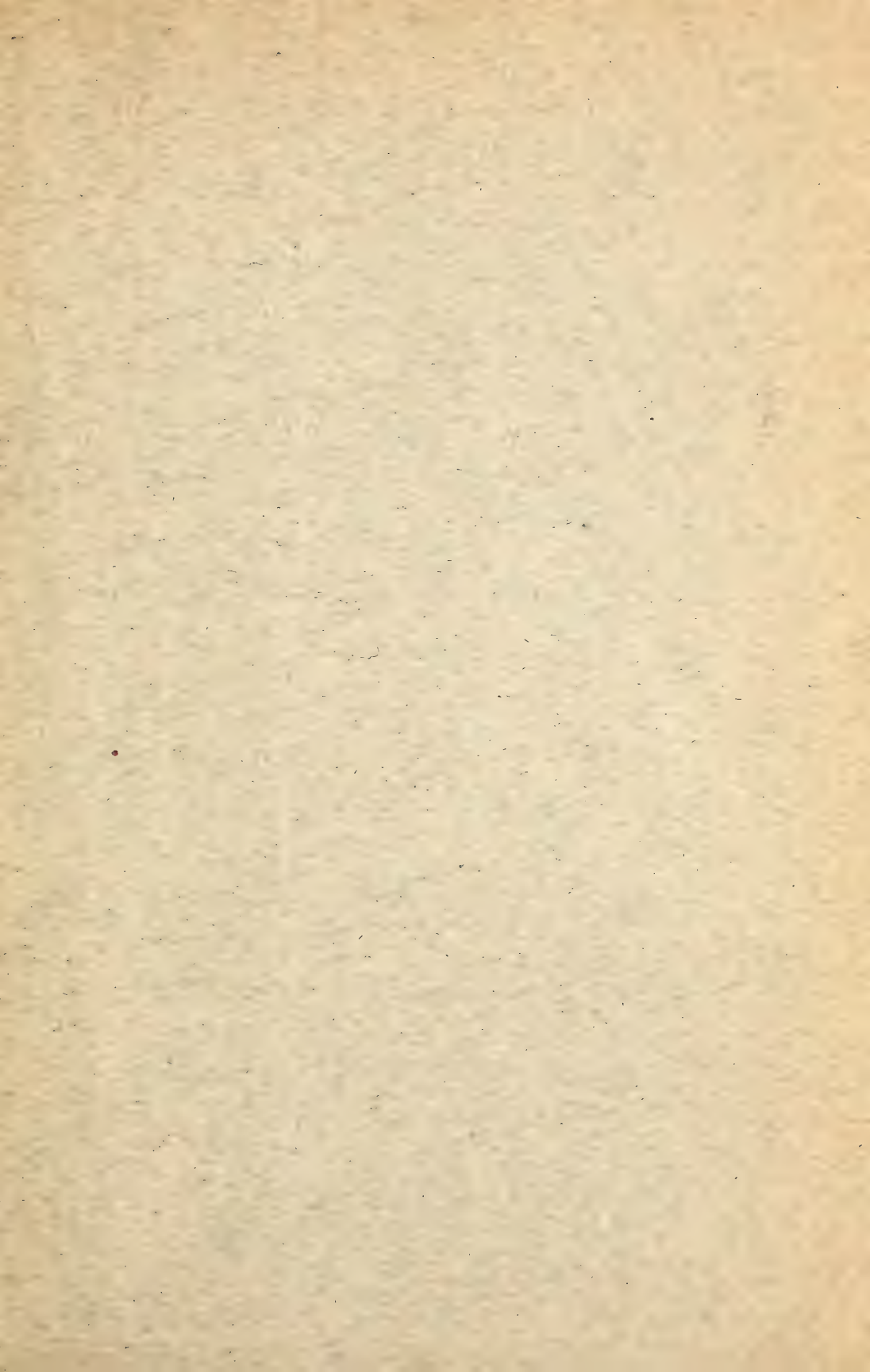
Seniors	53
Juniors	42
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Special Students	8
Total	308

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BETHANY
COLLEGE
LIBRARY

